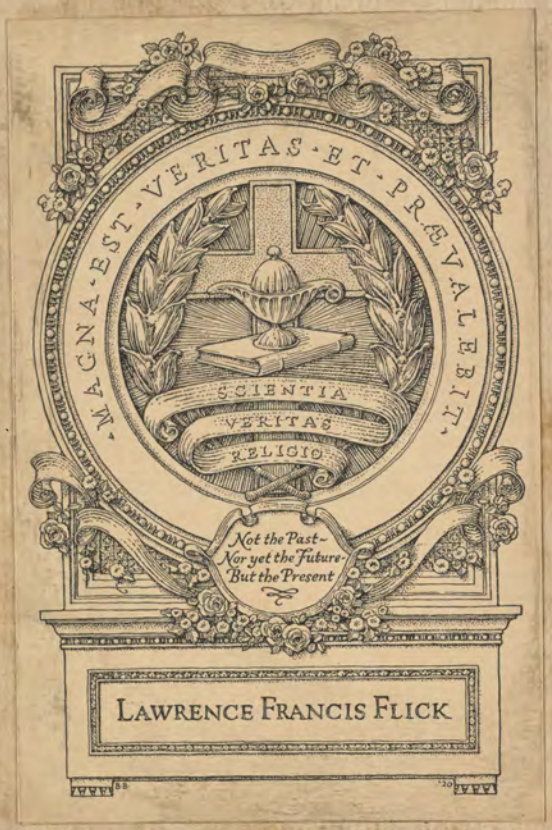
MAGNA · EST · VERITAS · ET · PRÆVALEBIT.
SCIENTIA
VERITAS
RELIGIO
Not the Past-
Nor yet the Future-
But the Present
LAWRENCE FRANCIS FLICK

Ex libris Augusti Mühlenberg

~~George F. Lehman~~

On Rush.

Oh! who on Rush could cast a single frown,
The king of Cullen, and the God of Brown,
Damm'd superior in each degree
The friend of Science and of Liberty.

Angina Pectoris.

This is known by a difficulty of breathing attended with great Anxiety, especially when ascending a Hill or flight of Stairs - Pain in the left side, but most commonly in both the arms Pain sometimes extends fm the breast to the neck & arms Mammæ & Jaws - Attacks at first not more than once in 2 or 3 weeks but afterwards at shorter intervals. It is sometimes so severe that the patient cannot lie on his sides, more particularly on his left. The pulse is weak, trembling, natural, intermitting and at times active - Sometimes tense probably fm being combined with inflammation of the Lungs or Pleura. - It is distinguished fm Hydrothorax by affecting the heart principally, by not being preceded by disease in the lungs, & being less constant. It occurs in Gouty Asthmatic, Hysterical, Hypochondriacal & Consumptive people. It attacks chiefly

about 50. but sometimes earlier, & sometimes as late as 70. —

Appearances on dissection — 1st An unusual quantity of fat 2° Ossification of the semilunar valves of the left ventricle of the heart 3° A membrane found on the heart similar to that found sometimes in the Trachea. 4th A Schirrus in part of the Liver 5th Sometimes the heart has been found entirely empty. 6th Blood in a state of fluidity 7th No appearance of disease at all. — These Phenomena have been supposed to be the causes of the disease, but they are the effects only. That they are only the effects I infer — 1st Because they are not always seen — 2° It sometimes kills suddenly. I once had a patient suddenly taken with it while walking, was obliged to stop & in a little time died of suffocation — 3° All these appearances have been discovered in the Liver Heart & Mediastinum of those who have had no symptoms of the disease. 4th Epidemics of great force shew

coagulating lymph in the form of Polypi in the heart 5° It is often periodical, worse in winter than in summer. From all these facts we may see that the seat of the disease is in the heart & arteries fm previous debility, & consequent morb: excitement - in the form of Spasm or Convulsion. I have once known this disease end in Hydrothorax wh proved fatal. - The Remedies in the first stage, or when the pulse indicates it are Vs. by this I have twice cured it. Dr Johnson found the blood drawn in this disease to be dissolved. Mr McBride mentions a case being cured by a spontaneous hemorrhage fm the hemorrhoidal vessels. In one case I found the blood sizy to the very last - 2° Purges & low diet. When it is attended by weak morb: action, the remedies are Metallic Tonics - Nitrate of Silver ½ gr 3 times a day accordg to circumstances - Zinc, White Vitriol &c. Issues in the arms & thighs, gentle exercise, cordial diet & a salivation. Avoiding all

exciting causes, as running up stairs &c. All the remedies are to be varied according to the change of the disease. —

Hooping Cough.

This is known by a convulsive Cough, a sense of strangulation, a sonorous inspiration several times repeated to one expiration; sometimes vomiting, blood is sometimes discharged fr the nose & lungs when fr the nose, it is favourable. I have seen it with & without Cough, with or without hooping. It is sometimes Epidemic with the S. pox & suspends it. I agree with Cullen when he says it is sometimes attended with fever, & that of the Catarrhal kind. Epilepsy, Apoplexy, & Convulsions are sometimes brot on by a fit. It sometimes ends in Consumption, & is sometimes otherwise fatal. Violent fit of Coughing has been known to end in Vertigo. It is propogated by Contagion, & affects children chiefly. It generally lasts 3, 4,

or 5 weeks but sometimes lengthens its course to 3 or more years. I have seldom found it fatal I do not say I have cured it, but I say I have mitigated its attending pain. —

The Remedies when there is much morbid action are 1st V.S. if indicated by the Pulse or character of the reigning epidemic. 2° Vomits, ut are of the greatest importance. Squills are commonly used, but Tart: Emet: & Ipecac: will be equally good, Antimonial Wine. The vomits shd be often repeated 3° Purges, the best of ut are Calomel & Rhubarb. 4th Cold air. this is more useful when combined with gentle exercise, the best of ut are riding on horseback. 5th Fear acting as a sedative. —

When the Morb: excitement is reduced, the remedies are Tonics, as Bark, Steel 20 or 30 drops of the Tinct: Asafoetida 3 or 4 times a day I have found of great use. Zinc: Sacch: Sal: oil of Amber, Cold bath, external Applications as Blisters to the stomach. tinct: Cantharides to

the feet & breast. garlic &c to the feet. change of Climate residence &c — & prolracted cases, if sues are proper. —

Tremors. —

These have a great connection to Palsy. They arise from strong snuff, strong drink, working amongst lead, fright &c. They affect the limbs & occur generally in old age. Tremors first appear in the hands, then in the head & neck, & lastly in the tongue. —

The cure consists in avoiding all the exciting causes & using depleting or Tonic medicines according to the state of the system — but we cannot cure them in old age, because old age is an exciting cause & that we cannot remove. Tremors in old age cease at night, this is owing to the muscles giving up their excitement — to the bloodvessels & rendering them more full. This shews the necessity of filling the bloodvessels for its cure. Remember the

case of the Schoolmaster who stopped tremors in the hands of his pupils by ligatures

Convulsions. —

They are often induced by great pain & plethora. All the remote causes of fever induce them, worms, fright, hemorrhages, producing an inanition all produce them. The remedies in Convulsions fm Pregnancy are Copious V.S. & likewise when fm parturition, Cold air & liquid Laud. When fm inanition, Cordials & Convulsions fm guilt to be treated as in fear, with strong Cordials. I knew a boy in this City who fell into Convulsions fm guilt when he was asked about his fraudulency. he was cured by Laud: Convulsions in the last stage of diseases are to be treated with Cordials

Tetanus. —

For an Acct of this see my Inquiries. ——

June 1820 There is a case of Hiccup at present in the Lancaster hospital as a local disease which has resisted every means -

Chorea Sancti Viti. –

This is known by certain Convulsions of a Ludicous appearance. It generally affects young people between 4 & 10 & 15 years of age & generally affects one side, or the leg & arm of one side only. I once saw it in an old person of 70 & in one hand only, the fingers only are sometimes affected. In children it is often brôt on by worms. –

The Remedies are 1st Vf. this I have found useful in some cases – 2d Chalybeate medicines – 3d Bark, 4th Oil of Amber 5th Cold bath. 6th A Salivation – 7th Exercise. This disease is seldom fatal – It has always yielded to the above remedies under my care. –

Hiccup. –

This is a convulsive motion of the Diaphragm. It sometimes occurs in fevers & is now & then a local disease. Laughter & liquor often produce it & I have seen it produced by eating an apple, probably from the extracted air from the apple

Infants are most subject to it. I once knew it to continue 2 weeks, & at another time 3 years (from May 99 to May 1802)

The Remedies are to be suited to the State of the Pulse. Vf. if it occurs in fevers of great morb: excitement, but if in a chronic form or decline of fever Tonics are proper. — When it is local, the remedies are fear; this is a certain cure — Joy by promising acceptable favours, Laud: oil of Amber, Ginger tea, 9 swallows of water, holding the breath. A Salivation has subdued it, but never completely cured it — Blisters has also relieved it. —

Cramp.

This occurs in every part of the body particularly in the lower limbs. Pregnant women are subject to it in the Abdominal muscles. Tis sometimes a symptom of Cholera Morbus. I have known it to sieze the whole body immediately after going to bed. It

often occurs in Sleep in consequence of abstraction, & in swimming fr the increase of excitement by action. —

Remedies in time of Pregnancy N.f. copious. Dr Hamilton says he had to take 100 ℥ of blood in time of Pregnancy in Cramp. Cramp shirt – Purges, Laud: When it seizes the whole body the remedies are the same – when in the extremities, rising out of bed if the Patient happens to be in bed when it occurs will frequently cure him, friction, tight ligatures above the knee squeezing rolls of Sulphur in the hands

Colic. —

This is known 1st By prevailing when bilious fevers are common – 2d By a discharge of Bile upwards & downwards – 3d By occurring in fevers preceded by chills. I will here only speak of Colic in the Alimentary Canal & in its muscular fibres – By some called Colica Pictonum or Dry belly ache

not the Colic wt is one of the Intestinal states of fever. This Colic wt we now treat of seems seated chiefly in the fibres of the Alimentary Canal. It is attended with great pain, suppression of urine, contraction of the bowels, a sense of twisting at the Naval, hiccup, Fevers, costiveness - inverted Tetanus. Sometimes Foces are rejected by vomiting - few recover when this is the case. It is induced by all the causes inducing gout - Hysteria. Hypochondriasis &c 2° Unripe fruits ascescent liquors fumes of lead, sour milk &c 3° By diseases of Contiguous parts - 4° By a deranged state of the bowels fm intussusception, rupture or Costiveness. The exciting causes are most of the remote, as strong tea, Cold feet, fatigue, an immoderate fit of Laughter, passions of the mind, a corn with a tight shoe on it, cyder in large Quantities produce it. - Debility is its predisposing Cause, & Spasm Tonic & Clonic, its proximate cause. When there is

great pain, the peritoneal coat is more or less affected. Are there any premonitory signs to this disease? Yes. Cold & dry feet, flatulency, & in this state a purge, or a few drops of Laud: even 10 drops will prevent it. Stimuli when the Premonitory symptoms appear are good, riding a few miles has prevented it. The Cure divides itself into two parts viz for the Paroxysm; & in the Intervals to prevent a recurrence of the Paroxysm

The Remedies for the Paroxysm are 1st Vs. to prevent fever, or inflammatn & death without fever. Vs. ought to be more copious when the disease is from the Gout or affection of the kidnies, it shd be continued to reduce the Pain & prepare the way for Opium wh after the reduction of the System shd be given in small doses, & repeated every 20 or 30 minutes until ease is obtained. Asa Fotida, this is said to prevent Palsy in the limbs, water impregnated with Tobac=

Tobacco smoke – the seed of burdock made into a tea – After the pain in the bowels cease gentle purges; Opening Clysters &c – may be given to stimulate by their quality as turpentine &c – or from their quantity a suppository of the follow^g articles –

℞ Frankincense, Saffron & Myrrh a.a ℥ss & Opium ℈j This is the common treatment Clysters of cold water ℔ij or ℔iv sometimes cure by distention. Cadwalader did not purge till the 4th & 5th day & then with lenient purges only – Warren sanctions this practice – The time to give purges, is when the pain & griping is felt below the Naval – Warm bath is not to be omitted it acts like a charm Blisters to the wrists, legs & thighs. I repeat it again that the skin & intestines act like antagonist muscles, that while the action of one is increased, the other is diminished – Relaxing & stimulating applications, as sweet Oil; Lard: &c rubbed on the belly &c frie=

tion cold water thrown on the body, more particularly the belly; its efficacy is by producing a reaction. Salivation is a certain remedy the bowels open as soon as the mouth becomes sore — we follow nature by inducing it. — The favourable Symptoms are a discharge of wind downwards with a Crepitus, plentiful discharge of urine, after being suppressed, gentle sweats, a discharge of Scybala or worms, great sensibility of the skin, a diarrhoea, or a griping pain below the navel. It sometimes ends in Palsy of the lower & upper extremities wh is the consequence of leaving them to wear down their excitability — Vf prevents this. —

The Prophylactics of this disease are avoiding all its remote & exciting causes particularly Costiveness, to obviate wh the follow^g is an excellent remedy. — ℞ Crude tartar, Salt of tartar, & Cremor tartar a.a. one teaspoonful — m.o.s. If it be brot on by

working among lead, leave off the business. Oily Aliment & warm drapes are proper to prevent it. The feet are to be kept warm and dry particularly. This disease is now much more rare than formerly, owing I believe to the more frequent use of flannel, the disuse of lunch at 12 O'Clock - & also the disuse of heavy suppers. Regular exercise especially on Horseback is proper, & lastly the Egyptian belt.

Diarrhoa. -

This is known by frequent stools without fever, black, green, or white stools. The two first are owing to an increased secretion of bile - the latter to the absence of bile altogether in some cases. I have called it a Gonorrhoea of the Intestines - It was formerly called the Coeliac flux. Sometimes pus is discharged or a mixture of Pus & Blood. Aliments are sometimes discharged but little changed

Chronic Diarrhoa, or that without

fever occurs both in night & day, or in either seperately. It is always preceded by a general or local debility — The Causes operating generally are irritants over the whole body, cold, heat, fear &c. —

The Local Causes are acid ingesta, impure diet, the Smell of privies, worms, active purges, sometimes an absorption of pus from other parts of the body, discharge of an Abscess from the Liver into the intestines called an Hepatic Flux or Lientry of the Liver, obstructed Lacteals & Hardly bile. It occurs in Middle life about the time when the change of arterial for venous plethora takes place, at wh time it often continues for months & even for years without injury. Sailors are subject to it from cold, fatigue & bad aliment. Pregnant women are often subject to it. Sometimes it follows Dysentery. It is called in Virginia the downward Consumption — The

The Remedies are 1st V.S. in plethoric habits or states. (remember a case of a Brown cured in 1802 by V.S.) Sydenham speaks lightly of it. All medicines when the pulse is full and tense in this disease will do harm except V.S. wt is our only remedy. 2° Purges the best of wt is toasted Rhubarb. 3° Vomits of Ipecac: 2 or 3 times a week. Tonics. Ipecac: Rhubarb a.a 2 grs & Opium ½ grs two or three times a day. Dovers powder, Astringents. the powder of chalk. Tinct: Gum Kino. Tormentil. extract of Persimmon, Galls ℥ss Nutmeg or Cinnamon ℥ij Aqua Fort: ℥j. Mt boil them to half a pint, strain & add as much Spts as the water left with a little loaf sugar.

Port wine. diet suited to the state of the system. If the stools be dark, a vegetable diet is proper, as rice, sago, arrow root, &c. If green, animal & alkalescent diets. Sometimes there is a morbid acrimony in wt case, demulcents shd be used, as toast & water, flaxseed tea, mal=

lows dt. - Gum Aral: dissolved in Chamomile tea is excellent - a diet of milk sometimes cures it by blunting the acid. In Chronic Diarrhoea, Blisters are essentially necessary, to be applied to the legs & wrists alternately for weeks & even longer. Here I again repeat that the skin & bowels are Antagonist muscles. -

℞ Clysters of Starch or of Ipecac ℥ss - Laud: 30 gtts Aq: Font ℥viij are very useful Tart: Antim: in injections is excellent, especially in the Gonorrhoea of the Intestines - warm & Cold Bath - Vapour bath. - Salivation often succeeds after all other remedies have failed; it is chiefly effectual in the cure of Diarrhoea when the Liver is affected, wt is often the case - A disease in the Liver shd be suspected whenever the Stomach is affected in its functions. As the Liver is most always affected in this disease what wd be the effect of applying a Caustic to the region of it? A change of residence, the chief benefit is air, in a Sea voyage, by

wd it has been cured. Exciting the Arterial System by Mustard or warm water, keeping the feet & bowels warm - applying bandages around the Abdomen are all proper. - When it is fm worms remove them - When fm Gout in the feet invite its return - Nine cases out of ten wd be cured by a Pleurisy

Costiveness.

This is a relative term. Some habits require more Stools than others. I knew a Sailor to pass from this to Lisbon & back without having a Stool. I once heard of a man who had only 3 Stools in the year - In such cases the Foces is absorbed by the Lacteals - But most people require a stool a day. -

The Causes of Costiveness are certain aliments & drinks, particularly cheese, red wine &c - a sudden change fm a rich to a low diet & vice versa - instance of the people who are put in Jail a sedentary life; exposure of privies to the house so that people of modesty do not visit them;

negligence from intense Study & application to business to visit Cloacinea. Sailing, certain matters obstructing the passage of the Foces, as fish bones, nails &c &c I once saw it produced in a child by tow, wh was supposed to have been thrust down his mouth by the nurse to prevent it from crying, Condylomata from Piles, or riding on Horseback. –

The Remedies are early rising, & exposing the body to cool air – thin dresses by causing the fluids to incline internally, regular attendance to the privy at a certain hour in order to create a habit – the morning is best – we shd remain on the seat some time & make repeated but gentle efforts to discharge the foces – but shd never make violent exertions, for by so doing we destroy our intention & produce many disagreeable symptoms – a gentle laxative diet, as Corn bread, & milk, or mush & milk, corn bread & beef, warted apples, boiled pruines &c Certain Cata=

tive medicines, as Cream of Tartar, Sulphur, Ciera pica, Rhubarb &c may either be chewed or the powder taken into the Stomach. Aloes, & Butternut pill shd not be used in a chronic form; when the Contents of the intestines are to be discharged only, they shd not be employed; Only when we wish a purgative effect. & further Aloes are apt to induce piles, & the Butternut pill determines too much to the head. A warm room is proper for the patient to discharge his Foces in Cold weather. Avoid all remote & exciting causes, more especially eating milk & Cheese. Sometimes it depends on a torpor of the Alimentary Canal in this case, steel Oil of Amber, Cask, Mustard &c shd be used. If it arises from retained Foces, remove them by a scoop Spoon or the like. If from Condylomata, remove them by Ligatures, but never with a Knife or Scissors. —

The following are signs that the intestines are in a proper state & perform their proper

functions. 1st A Stool every day & that in the morning. 2d No wind preceding such Stool. 3d The Stools neither liquid nor hard but of a middle consistence, of a pale yellow colour, & as the Ancients used to say. Bene Colorata & Odorata. 4th The Stool not cut into fragments. —

Flatulency is often a symptom of Costiveness & is easily removed by Tinct. of Radish. Mustard. Ginger tea &c. —

Dyspepsia. —

The symptoms of this are want of appetite — sometimes great appetite & no digestion, & vice versa, vomiting, sickness at Stomach, Flatulency, Gastrodynea or a pain in the Stomach, Cardialgia & Eructations. Pyrosis or water brash. Sometimes there is an appetite for putrid aliment, & the appetite extends itself for burnt feathers, & sometimes house plaistering; Costiveness; sometimes there is a desire to eat

charcoal. Previous to mentioning the causes of this distressing disease I will deliver a few remarks. The Stomach is a faithful & accommodating viscus – It is the Conscience of the body; & the most important viscus of the body – It is intimately connected with every part of the body – Dr Hunter & Van Helmont says it the seat of the Soul. The Stomach is connected with the mind, & its being full or empty has different effects on different people. The Duke of Marlborough used to say, that were he to fight for the empire of the world with British subjects, he wd choose Irishmen drunk, Scotsmen Hungry, & Englishmen with a full Stomach for his Soldiers. Lord Chesterfield used to say that a Cordial breakfast of a sunny morning had decided the fate of many a battle. The Stomach more over influences the Temper. Talents are much influenced by it. Our Vertues, Vices, pains &c are connected with the Stomach. The discharge of wind from

the Stomach has often rendered a sullen man pleasant & facetious. It is connected with Longevity. I never knew a very old man troubled with this Complaint. — Were I to open an insurance office for Life, my first question wd be, if he had been troubled with Stomach Complaints. It is to the body what a main spring is to a watch. —

The Causes are Direct on the Stomach, & Indirect on the Stomach thro' the medium of the whole System. —

The Causes acting Directly are Tea, Coffee, and Spts. — the use of bitters before dinner, Opium, Aromatics; the use of Tobacco, either in chewing, snuffing, or smoking, a repletion of the Stomach with gross Aliments, or mixed with large quantities of watery liquors diluting the Gastric juice; the application of heat & cold successively to the Stomach. Aliments swallowed before they are sufficiently masticated called bolting. the frequent use of Emetics

Emetics, rejection of Saliva, the excessive use of Sugar I once knew it brot on in a Merchant of this City only by tasting 50 samples of Sugar. swallowing Cold water in the morning or at bed time; obstructions in the Liver – Mitre, this cannot be given more than one month without bringing on the disease. –

The Causes acting Indirectly on the Stomach thro' the medium of the System, are an indolent or vexatious life; hard study after eating; bending the body forward; excess in venery, sailing, indolence, moist or cold air decayed teeth, frequent intoxication, Pregnancy, suppressions of sweat on the Feet, Gall stones; Diseases & disorders of any of the neighbouring viscera, more particularly the Liver, Spleen – Kidneys &c. – The most frequent causes of Dyspepsia in the Country are a great appetite, & living on Cabbage & acid Aliment the intemperate use of Ardt Spts producing sickness at Stomach, tumors, vomiting, no ap-

petite for breakfast without first taking a dram - Offensive breath, & burning in the hands, & the consequence of wt are swelled legs &c - The causes of this intemperance are 1st the low price of Ard Spts - 2° Cold, drinking Spts to prevent wt is the same to the system as fire is to the Candle when both its ends are lighted. Nostrum colum edax hominum Debility is its Predisposing cause. —

The Remedies are of 2 kinds - the Palliative & the Radical. —

The Palliative are 1st Salt dissolved, a teaspoonful to a teacupful of water as hot as can be taken, in the morning half an hour before breakfast - rendered acid by lime juice or a few drops of Muriatic acid - Magnesia, Chalk, Lime water &c - 2° The Volatile alkali & alkaline salts. ℞ Sal Ammoniac ℥ss Lime juice ℥ss & water ℥ij. Unskimmed milk is very good - The acid of the Stomach decomposes the milk. & as there is

more oil in unskimmed milk. it more easily blunts it. A few grains of pepper after dinner; or a few drops of Laud: - A blister to the pit of the Stomach, moderate compression on the Stomach - friction on the Stomach after a meal, warm water in a bladder of 110 to 120° of heat applied to the Stomach. Farmers in Maryland give their hogs charcoal in pills, or powder, when they refuse Corn; also burnt bread, Corn meal &c - When there is a Canine appetite, sweet oil is good - It is said to blunt or dilute the morbid acrimony of the Gastric Juice - -

The Remedies for a Radical cure are V.S. if the pulse be full or tense - It is often attended with a chronic inflammation of the Stomach, & with a Synocha, or Synochula Pulse. Emetics; Purges when costiveness attends, & they sh^d be lenient - Milk & Vegetable diet - I have known it cured solely by a diet of boiled turnips - the diet not to

Nitric & Sulphuric Acids — ℥ ss
Old Spirit ——— ℥ iv
Water ——— ℔ i Sweetened
with honey, is a most excellent remedy

be changed, every new article is an offensive stimulus. Ipecac: & White Vitriol are the best vomits. — After the Morb: action of the Stomach is reduced, wh is known by the softness of the Pulse, & the absence of pain — Stimulants & Tonics may be given — as Bitters of all kinds. Chamomile Centaury, wormwood, Columbo, Gentian, but above all Dulcsia infused in water — they are all best in water — Certain acid substances, as Nutmeg, Ginger Canilla alba, Mustard, Pepper, Cedar berries, Juniper berries, & Spices of all kinds — Tar pills, annisseed, Calamus infused in wine. Black pepper in Spirits fm a tea to a tablespoonful the dose. Cullen adds Bark, but I have not found it very good — But above all these, Garlic — Saline & Metallic tonics as Elix: Vit: All the preparations of Iron, especially the Rubigo ferri fm 10 to 20 gr of wh with 5 to 10 grs of Ginger, or any vegetable stimulus is a dose. A diet of solid animal food only —

Wild fowl is preferable to the Domestic & beef & Mutton to veal & poultry - all kept until they are tender, & shd be well done - Salted meat & fish, where there is much excitability in the stomach, is often received, when fresh meat or fish is rejected. When butter is not rancid I wd not forbid its use in this disease. — Toasted cheese, Coffee, tea, Broths, waters with a large quantity of bread, whey, & liquids of all kinds are to be avoided. Drinks ought to be avoided during a meal - 1st Because they hasten fermentation - 2d By causing the food to rise above the Gastric juice 3d By hastening it into the Duodenum before sufficient digestion takes place. In this disease, a regulated diet is better than Medicine beginning with Oysters. When fish & eating each alone as a mixture of diet is improper. Drink not & touch not for 3 hours after a meal, is I believe a good rule. It is by the drink generally taken with oysters that makes them not easy on the

Stomach, & not the oysters themselves. To render the diet effectual, I say again, use each alone, & if the Stomach reject it, take them while lying in bed. In debility much injury is done by rising out of bed to take exercise or even to dress.

To induce an appetite, avoid even the smell of food, & take care not to sit down to a plentiful table, as the effluvia often obtund the appetite. There are 3 modes of exciting an appetite. 1st Surprizing the patient with unexpected dishes, as an anticipation of a particular kind of food wastes the excitement of the Stomach or destroys the appetite. Let not the patient smell the victuals while preparing. 2° Let the dishes be small; a horse will eat twice as much if the food be given in small quantities at a time. The Patient who w^d often be disgusted at the sight of a whole fowl, will eat part of it & call for more. 3° The Patient is often, indeed generally induced to eat with pleasure an Article of diet sent

from a Neighbour. — When Animal food well regulated fails in sitting easy on the Stomach, or in curing, recourse must be had to a vegetable diet as roasted turnips, Apples Milk &c. —

The mode of retaining food is 1st To eat little & often — 2d A recumbent posture of the body — 3d Element of one kind only at a time. —

It is common to forbid butter, but I have never found it hurtful — it is found to resist fermentation, & when well prepared may be used in small quantities, & its use may be continued if there be no head ache, & it is not rancid

The Stomach shd never be quite empty, as it is apt to cause great debility. — The Drinks may be Madeira, or Sherry wine, Porter, or if these become sour, Brandy & water, wh shd be used with great care. It shd never be taken so long as for the Patient to become habituated to it — for better Gent: to let ye patients die with this or any other disease, than give

them this detestable Brunonian remedy. If the Stomach bear it supply the place of Brandy & water, with toast & water adding any herb to give it a pleasant taste. Gentle exercise on horse-back is very proper – Avoid costiveness & all its exciting causes, particularly Cold & wet feet – If all these fail, a salivation is good, more especially if the Liver, Spleen, Pancreas or Uterus be affected. N.B. if there be great pain & a tense Pulse wt. are indicative of great morb. action

It sometimes ends 1st. in Inertia where there is no sensibility & irritability, the food passing unchanged fm the Stomach – this I call Gastralgia. In Schirrus, & Cancer of the Stomach, & Pylorus wt. carries of the Patient in great Agony. – If it arise fm sea sickness use N.B. gentle laxatives just before going to sea, lying with the head low, Cold Bath, & a Rf as follows – Of Brandy & salt water a.a. ℥ij If fm the Intemperate use of Acdt. Aplt. the remedies formerly mentioned are proper. If

from Pregnancy, use the remedies we have hereafter to mention. —

Hysteria. —

This fm fever is confined chiefly to the nervous system, Stomach & Alimentary Canal, but now & then it affects the Bloodvessels. Dr Rush calls it Hysteria in compliance with custom, tho' he sees no reason for this specific name. —

The symptoms are a rumbling noise in the bowels, screaming, a sense of rolling — a sense of strangulation — sensation of the Globe revolving upwards called Globus Hystericus — Cold sensations in the head, lassitude Convulsions, pale & copious urine in the fit, the passions vehemently expressed, laughing one moment & crying the next, sobbing, sighing, love or hatred, sleepiness & faintness, now and then Asphyxia — Coldness of the extremities, Lumbago, Palpitation of the heart, Rheumatism, Headache, Salivation, sorrow, hope, despair, Cho=

lera Morbus, Mania, Asthma, Dyspepsia — In fine it counterfeits every form of Chronic disease in the Intervals. The Pains of Hysteria attack in the Back or limbs, & are seated in the skin & Membranes, & now & then in the muscles. I have called Hysteria, Gout in the Nerves & have compared it to Gout in Tiffany or fine Cloth, while real Gout I have called Gout in broad cloth, or Coarse Cloth. In Hysteria a swelling comes on in the face & Hands in the morning wh is fm Habitus, & is thus distinguished fm dropsical Swellings by their occurring only in the morning & generally disappearing on washing the hands & face — while dropsical Swellings occur in the evening & are fm water. In Hysteria the mind partakes very much of the mobility of the System. Sydenham says that this disease partakes of as many forms as Proteus & Huxham says it is constant only in inconstancy. The Patient laughs at the most trivial appearances & thoughts. A Late Preacher in this

City informed me that he had frequently
while in the Pulpit, to put his hands behind
himself to pinch himself & thereby suffocate
the impending laugh. It affects women from
the time of puberty to that of the cessation of
the menses. It affects chiefly delicate habits, but
sometimes the robust. His distinguished from
all other diseases wh it counterfeits, by its be-
ing confined to the nervous system. The
Pulse in a paroxysm of Hysteria is seldom
tense or full when it is it is called Hysteria
Plethorica. The Pulse becoming full & tense
commonly suspends Hysteria. likewise a
canine appetite coming on. —

Hysteria is distinguished from Hypochondri-
asis by affecting women more than men, by
a swelling of the thyroid gland called globus
Hystericus. by occurring most in warm weather,
being confined more to the nervous system, by
the greater irritability of the mind — the mobility
of the system & the inertia of Hypochondriasis

An excess of sensibility & irritability produces mobility. —

by the absence of Dyspepsia. by Hypochondriasis being cured by removing to a warm climate while hysteria is cured by moving to a colder. by not being attended with a durable alienation of Mind. ——

These diseases are frequently blended together Hypochondriacs often goes off into Hysteria & vice versa. ——

The remote causes act 1st On the Body, as Plethora, an inordinate flow or sudden suppression of the menses, fluor albus. Strong drink tea, coffee, impure air &c.

2d On the Mind, as Anger, Malice, Love, Jealousy, the venereal Appetite &c are the exciting causes. The Predisposing cause is Debility of the moving solids. This debility is brot on by an increase of Mobility, brot on by sensibility. Mobility in the Nervous System & alimentary Canal. Any of the remote causes applied with sudden or unusual force constitutes the exciting cause. The Proximate Cause is

morbid excitement in all its forms of Spasms, convulsions &c

The Cure of this disease divides itself into two heads 1st such remedies as suit the Paroxysm. 2d such as are proper for the Intervals 1st Vs. when attended with plethora wt. is the case generally, fm. suppressed menses or with good appetites. Hysteria with Plethora is much more general than is supposed. 2d In the time of a fit give a stimulating glyster with Assafoetida, burnt feathers, odours to the nose, pediluvium, plaster of Garlic or mustard to the feet; as there is frequently a retrograde motion in the intestines by wind, a glyster pipe shd. be kept in to draw it off. In one case that I have seen, the Sphincter snapped off & swallowed a part of the pipe If asphyxia occur, dropping water on the lip. If all these fail, as soon as the patient can swallow, give Laud: or flour & water this last to expel the wind. —

To prevent the recurrence of the Paroxysm Cold Bath, Cordials - Gums, as Assafoetida, Galbanum &c - Of all these Assafoetida is by far the most valuable. Bitters of all kinds, Metallic Tonics, as iron, particularly where there are worms - Copper Zinc &c. Stimulating applications to the body, a large plaister of Galbanum to the Stomach - bandages to the belly & limbs - Cordial but not a nourishing diet, as Salt meat &c Exercise on horseback, labour, pursuit of some pleasing object, as a garden &c When patients grow feverish after their use, Tonics th^o^ be forbidden. - Few good active housewives have it, but generally those without care. The excitement of a steady passion, as fear or grief - the death of a child has cured it - Avoiding acids in our drinks & food - by becoming a Methodist as mentioned by Mr Withering - In short whatever fixes & confines the mind to a particular subject Cullen

says, there were no cases of Hysteria during the Scotish Revolution. A change of Climate from a hot to a cold one — & lastly Matrimony has been known to succeed in every instance, it creates a new & real case wh leads to uniform & connected pursuits. —

When cured by time, the Nervous changes for some other Predisposition. —

x The Passions, divided into Emotions & Passions
The former relate to some present good or
the latter to something future —

Diseases of the Mind.

I was taught to believe that derangement existed in the mind, but observation denies this & I now believe that it has its seat in the body. A certain Professor in this part of his course used to say, that these diseases were seated in the mind, & that of the mind we know nothing, & so pass them by. Neither of his assertions are true. The diseases are not seated in the mind, & of the mind we know a great deal. We know much more of the mind than of the body.

The faculties of the Mind are Memory, Imagination, Understanding, Will, Passions, Sense of Faith, the Moral faculty, Conscience & Sense of Deity×. The operations of the Mind are Perception, Association, Judgement, Reasoning. It may be remembered by the word P.A.J.R. also Volition. This takes place after Perception or one or more Operations of the Mind. The se=

Cordinate operations of the mind as Attention Reminiscence &c are modifications of the 4 Principle ones — They are the internal senses to wh the external are Avenues, & there can be no operation of the mind, but thro' the Medium of the external Senses — Nihil est in intellectu quod non prius in sensu. —

The Operations of the Mind & motions of the brain in its healthy state are regular & uniform, but irregular in disease. Recollect I said there can be no Operation in the mind without motion in the brain, & each Idea & thought, or operation must have its specific & distinct motion in the brain. —

The Mind is the Noblest part of man & on its being in a sound state, depends not only his happiness but all his — The words Melancholia & Mania convey to the mind an Epitome of the greatest evils to wh the Human Race are subject. The wisdom of the Creator is evident in his placing the mind in the brain

& defending that fm injury by Membranes & a bony case. The Brain is the Citadel, the Spleen, Stomach, Bowels & Liver the out posts of the mind — The Stomach discovers inflammation fm heat, the bowels Spleen &c discover Marks of inflammat^n in Mania The Mind as well as it is defended, wd suffer greatly were it not for the interposition of the Spleen, Liver Stomach & Bowels — If it were not for this, Apoplexy, Mania &c wd be very Common. When the Spleen is much distended with blood, the Stomach lends its office, & the Liver last Persons affected with Low Spirits, are said to be Splenetic, fm its affecting that viscus — That the Spleen Liver &c are not the cause of Mania, I infer fm obstructions in those parts producing no alienation of mind — They are the effects only. Delirium occurs chiefly in the close of fevers because the brain is worn down The bowels & Thyroid Gland seem to protect

the Brain in Hysteria - The Thyroid gland is also one of the outposts of the mind - It is (if I may use the expression) a deputy Spleen performing for the mind what the Spleen does for the whole body. That the use of the Thyroid gland is to defend the Brain, I infer from its situation, from its having Arteries to supply it, & no excretory duct; from its being larger in women than in Men, who, as I shall say hereafter are more subject to mania, from the effects produced by disease or extirpation of the Thyroid Gland, & madness produced in dogs by cutting it away. It seems peculiarly adapted to defend the Brain from one class of impressions - viz - those wh arise from loud & long speaking. - The Globus Hystericus wh we often see is nothing more than an enlargement of this gland occasioned by excitement passing from the mind to it. —

It has been said that Mania is seated in the Mind - that this is not the case I

infer from the mind being often found in a great state of Melancholy - Again Love, Grief & may exist for ages & not produce madness without bringing the Bloodvessels first into Sympathy - Cullen & other Physicians placed the proximate cause of this disease in the nervous system, but that is not the case I infer from derangement not being produced by Hysteria it is certainly a disease of the Nervous System - Nor is it produced by Epilepsy it is likewise a Nervous disease. In the intervals of Epileptic fits, the faculties & operations of the Mind are as clear & easy as in any other state; & in fevers, morb: action is often translated from the Arterial System into the brain & Nerves. So in Epilepsy the morb: action is sometimes translated from the nervous system to the arteries & Brain producing Mania, but that Mania entirely distinct from the Nervous diseases

The theory of Dr Cullen was abandoned for want of success, under its influence the Dr

never succeeded unless by accident. After many painful researches, I am now convinced that madness is seated primarily in the Arterial System — Without arterial there can be no Mental derangement. There is nothing specific in the Morb. action affecting the Brain — Many of the remote & exciting causes are the same as produce Fevers, Phrenitis &c.

To prove that the disease is seated primarily in the Bloodvessels we must attend to the state of the system, & the Phenomena or Symptoms — Remedies, Appearances after death &c. Infer it from its Causes these are the same as produce Phrenitis, Apoplexy & Fevers, wh. all allow are seated in the Bloodvessels — 36 Patients examined after death shewed the same appearances as in Phrenitis. —

From its Symptoms — as 1st A sense of fulness or pain in the part affected, headache &c. — 2d A full Quick or tense pulse, but sometimes oppressed or low, or morbidly slow, or

natural as to frequency - When the disease is carried fm the Tonic to the Atonic state, the pulse becomes Natural & weak - 3° Wakefulness is a sign of fever, & this occurs in Madness. 4th a white tongue, this occurs in fevers, but never dry. the same in Pulm: Consumpt^n - In no fever does the tongue give such strong indications as in this. The Muscles in Madness still retain their excitability - 5 The Blood indicates great morb: action, is sizy, the serum is sometimes of a red colour, being stained by the red Globules the Brain has been found yellow in this disease - 6th It sometimes appears in a Typhus form with muttering & an involuntary discharge of Fæces - 7th From its occurring in those periods of life, seasons, & countries in wh diseases of the Bloodvessels are apt to occur - 8th From its occurring in certain brute Animals, who^m scarce ever, if possible have it fm any operation or affection of the mind - 9th From its being cured by

the same Med: wh cure Morbid excitement in any other part of the Body 10 By its alternating with other diseases evidently of the Sanguiferous System - I have known Consumption to go off in Mania. It alternates with Rheumatism, Intermittent & Puerperal Fevers Dropsy &c - 11 By having all the usual varieties of pulse in Fevers 12 From the Compression of the Carotids producing a temporary cessation of the disease - 13 From their being no trace of inflammation in the Brain when the Patient has been carried off by an abscess in the Lungs & pain - 14 By its appearing in the form of fever. It is accompanied with remissions, intermissions & lucid intervals 15 It is often accompanied with sweats like those wh occur in Malignt fevers. A Patient in the Hospital used to be perpetually enveloped in a fog or exhalation from his own body - 16 From its discovering other symptoms of fever, as cor-

tiveness cold heat involuntary stools, patients talking to himself &c — 17th Madness has been Epidemic fm the same cause wh give rise to inflammatory fevers — as Miasma &c — & lastly fm the symptoms wh succeed inflammatn in other parts, as distention of the vessels. Schirrus water, furr &c occurring in Mania — From the appearances after death being nearly the same as after Phrenitis & Apoplexy — viz — No sign of disease at all — this is less frequent here than in Phrenitis — Inflammation & effusions of Water &c — The Preternatural dryness & hardness of the brain so often mentioned so often mentioned in Chronic Madness, is nothing more than Schirrus — this influences its relative gravity — Dr Lisfrand mentions a case of a brain being 7 times heavier than one of the same size in a healthy state. This hardness or Schirrus of the brain occurs only after Chronic madness. wh has a considerable effect in increasing the weight of the Brain. L Lisfrand says this ap-

appearance of the brain was durum sicum
pedunum & siccum - But this is not un-
usual, for it is sometimes preternaturally
soft. As in Rheumatism the bones are some-
times enlarged, so in Mania the skull is some
times thickened - Sometimes the thickness of
the bone is diminished. I have only met with
2 cases in wh there appeared to be no disease or
morbid action. I found in the year 1793 that
disease might transcend inflammat^n & that
by reaction the blood w^d be thrown off from the dis-
eased part into the body of the Circulation. The
morbid appearances in the Spleen is a proof
that the Bloodvessels are affected. From all
these facts & observations we may conclude, that
the proximate cause is Morbid excitem^t. Madness
is to Phrenetis as Consumpt^n is to Pneumonia,
that is, it is a chronic state of an acute disease.
I have sometimes seen the Liver affected - this is
probably when the disease is brot on by intem-
perance in the use of Ard^t Spirit - the Specific

operation of wt on the Liver you are acquain=
ted with. I therefore conclude that there can=
not be an aberration or derangement of the
mind without morbid excitement in the Blood=
vessels, or in other words without fever. But
the old Physicians said there was no fever in
it - Cantous says semperque, sine febre - All
these tell us to look to the Pulse for the disease
& the state of the system - The Bloodvessels is to
the body what the Sun is to our globe - They give
life & energy to the whole.

Diseases of the Brain are more frequent in
time of Revolutions &c When Pride is the ru=
ling passion they are apt to occur - Religion
has been accused of producing madness, but
so far from this being the fact, that by res=
training & governing the Passions, it really
tends to prevent it. - Madness is more com=
mon when Speculation is carried to a great ex=
tent - the successful Speculators more subject to
it than the unsuccessful - It has been said

It is a rare disease among Savages. When

to affect men of strong & active minds most; but this is not the case. Madness seldom affects under Puberty. but I have heard of 2 cases of children having it. The reason that children are not subject to it is because the mental impressions are too transient to affect them. Women are more subject to it than men in consequence of the predisposition to it from menstruation, parturition & so on. In Poor it is prevented by the sensation of bodily suffering. In warm climates, madness is less common than in Cold. It seldom occurs in young, or very old people. Maniacs are said to have no title to longevity. There are 2 reasons why old people are not affected with Mania
1st The Bloodvessels lose their vibratility
2d The predominance of irritability over sensibility causes the impressions wh are made to be feeble. The family of General Montgomery was usually affected with Mania about the age of 50 wh was the cause of his 3 wishes

the first was that he might die young – 2d – that he might die suddenly & the 3rd that he might leave no issue behind him, in all of wh he was gratified. Mania generally comes on between 20 & 45. There are however 1 or 2 instances of very old people being affected with it. Out of 1201 – 950 were affected between the ages of 20 & 45. –

The remote & exciting causes are divided into Direct wh act on the body – & Indirect on the body thro' the medium of the mind. They all act by bringing on Debility Depression & so on. –

The remote causes wh act directly are 1st Malconformation & lesions of the brain Injuries show themselves more slowly here than in other parts of the body – The effects produced by these injuries are sometimes 15 years fm the time of the accident In one case not till 26 years – In these cases they are rarely curable – 2d Local disor=

+ Insolation

ders of the Brain – 3d Certain diseases affecting the whole body as Gout, Consumptn Dropsy, & fevers of all kinds – Very great pain has been known to produce it – very warm or Cold weather. 4 Great labour or exercise 5 Suppression of the usual discharges as Menses, piles &c 6 hanition fm great evacuation 7 Sudden abstraction of the Stimulus of distention – Excess or inordinate venereal desires or venery, Furor Uterinus, Onanism – Nightshade or Stramonium, Ardent Spts & fermented liquors – Opium Foxglove &c – Irritation of foreign matters detained in the system – recollect the case of the Shot in the feet of a Boy – Decayed teeth – Translation of certain diseases to the Brain, particularly Scrophula usual cause of Epidemic Fevers – Fumes of Lead. Patients affected with it, bite their hands and tear their flesh – The Mineral exhalations of Peru it is said have produced it – A full meal in persons predisposed to it – by other diseases

When intense Study produces it, it is not in persons with the brightest Intellects, but rather in persons of weak understandings & strong Passions — Mathematicians Chemists & Naturalists are said to be exempted from it — Different States of Society influence Madness — Thus it is rare among the Indians — Different Religions & different Sects in the same Religion — It is very rare in Russia & China — Paternity frequent ——

as Apoplexy, Epilepsy, & Chorea St Viti. Case of a patient having Chorea St Viti wh went off as soon as attacked with Mania, & as soon as relieved of Mania, was again affected with Chorea. If it comes on in St Vitus's dance, it generally goes off in the same way. The influence of the Moon, — Worms. —

The Causes wh act indirectly, thro' the medium of the Mind are — 1st Those directly by the understanding as intense Study — The Philosophers Stone — A sudden transition of the mind from one subject to another, hence I believe it is justly said that Booksellers are more apt to become Maniacal than others. I myself have been affected with head ache from reading a Magazine, wh was a cause of my belief that this change is often productive of Mania — 2° Indirectly thro' the medium of the imagination, by ambition for Riches, a canine appetite for becoming rich &c
3° The understanding is injured by com-

mitting pieces to memory. 4 From the undue or irregular exercise of the Passions. as sudden joy or slowly as in Love grief fear or disease Mortification shame, ridicule. Anger produced it in Charles VI of France - Loss of Liberty or fortune has produced it - Mortified pride, false Delicacy, loss of property by gaming. It was brot on by a Clergyman, only by committing a Typographical error in one of his sermons - Also in an Indian who lost his beauty by the S. pox; & in a Player by being hissed - Add to all these causes, a super saturation of human happiness. A violent or irregular exercise of the Moral faculties - Conscience burthened with Guilt real or imaginary. - There is a morbid sensibility in the Conscience as productive of error as disease in any one of the external senses, hence madness occurs more frequently in imaginary than from real guilt - Fasting, Watching &c (The D. gave instances of madness produced by all the causes above men-

tioned) As Melancholy leads to Superstition so Superstition leads to Melancholy. Fancy & conscience combined often produce madness. There is a derangement of the Moral faculty by Joy &c. Religion has been charged by some Authors as having a Natural tendency to produce madness; this is so far from being the case, that it is the best preservative against it by teaching us to regulate our Passions. Madness is more frequent from causes which act on the body thro' the medium of the Mind, than from those which act directly on the body. All its causes act by producing debility of action or abstraction — Whether Madness resides in one part only I cannot tell — but of this I am certain that when one part becomes affected, the whole feels. — All the causes act more on persons predisposed to it by having Maniacal parents, & the descendents are more apt in this respect to follow the Mother than the Father. The greater the predisposing cause the lighter the exciting cause necessary to produce it — Mad

Madness is different in degree, as it affects different faculties. The lowest affect the understanding only, wh. is called Melancholy & is only a higher degree of Hypochondriasis. The mind in a Hypochondriac is united to himself whilst in Melancholy it extends to other subjects. Distress appears to be the connecting link between Melancholy or Hypochondriasis. This Partial derangement is very common. The seekers after perpetual motion, the Alchymists, Politicians &c all shew partial madness at times — in the last class we have frequently seen it. But we see it more in Enthusiasts for Religion

By derangement I mean every departure in the operations of the mind — whether in its Perceptions, Associations, Judgment & Reason from its Natural & habitual order — accompanied with corresponding actions — Under this term I include all the forms, & all the grades of all the diseases & disorders of the Mind

1st In the number of faculties concerned
2° As they extend to or regard different faculties or their operations —

1st It affects the ~~Patient~~ Understanding as it relates to the patient himself who often imagines himself transformed into different Animals. Hypochondriasm is when the mind is wrong with respect to one subject only — Thus a man can't be made to believe his legs are not made of Glass, & yet reasons correctly on other subjects.

2° It affects one faculty — or madness on one subject & this subject independant of himself This is called Melancholy or Partial Insanity

3° Derangement on all subjects, it is universal Madness. This is the highest degree of Madness & is different in degree —

1st It is so violent as to prostrate the mind & destroy perception by deception — This is the highest degree of Madness, & well illustrated by Sophocles in his character of Ajax — Where these diseased perceptions occur, they mistake their

friends & all objects — This diseased perception is caused by disease in the organs themselves or from diseased action in the Brain — The same degree sometimes occurs in the delirium of a fever. To acct for this we must recollect that a correspondence of thoughts with Ideas & impressions depend on the sameness of perception wh produced the original thought or idea — wh can only take place when the brain is in a healthy state. The diseased part will not vibrate to the impression as when in a healthy state, & consequently the idea wh depended upon the vibration will be difficult Another trace of diseased perception is seeing a number when there is only one. This depends on the Nerves, if we press the eye it multiplies objects — 2° Madness produces false association as when the patient knows his friends, but think they wish to injure him — The associations are deranged —

3° A lower grade is by producing false judgment but with just or true perceptions sometimes the judgment is true & perceptions false & vice versa —

the judgment is deranged — the patient knows his friends but ascribes to them bad designs

4 "Erroneous deductions from Perceptions &c at are true — Mr Locke's observations are worthy of Notice, he says "that Madmen are not generally deficient in reason, but that they reason wrong from true principles. —

5 "Quick & rapid perceptions without association — Take notice that no Idea can be excited in madness without it had formerly excited in the mind There may be true perception, Association & Judgment; & yet a derangement in reasoning — or there may be true Perception & Association, & yet a derangement in Judgment & Reason. To have a true & just mind, there must be just perception, quick & correct association, correct judgment & strong reasoning powers — Derangement is seated sometimes 1st In the Memory when the understanding is correct 2° There is a derangement often in the will — Murder is often committed by derangement seated wholly in the will & the understand at

at the same time — 3° Derangement is sometimes seated in the Moral Faculties. 4° In the Passions — 5° Diseases of the mind like diseases of the body and in disorders & Fatuity which I call Manalgia — Two or more are often affected at once, in rotation, succession & Alternately.

Partial Insanity. Under this head are included Hypochondriasm & Melancholy wh is a higher grade of the same thing — Hypochondriasm or what I call Acute Mania is when the mind is in error on one subject only & that relating to the patients own person or affairs. In Melancholy the error relates to something independant of himself — this I call Alau Mania. I object to both the names Hypochondriasm & Melancholy as conveying improper Ideas of the nature of this disease. In Melancholia, the Liver, as in most diseases of the mind is more or less affected, but the name Melancholia wd lead us to suppose that the dis-

ease depends on Black bile, wh is not true
Both the forms of partial insanity, occasionally
blend their Symptoms, run into each other, al=
ternate & succeed each other. —

Hypochondriasis or Leauto Mania.

This is so called fm its affecting the Hypochondriac Region — as the Liver, Spleen, Pancreas &c. The obstructions that often take place are the effects & not the causes of the dis=ease — (For the Symptoms see Cullen) —
The causes are the same as in Dyspepsia, with the addition of Fluor albus, repelled Eruptions, Piles, & above all distress of Mind. This distress of Mind arises fm many causes — 1st Guilt & Imaginary distress is a more frequent cause of Hypochondriasis than real — It is attended by Costiveness & Diarrhoa — It is distinguished fm Dyspepsia — 1st By its being a primary dis=ease while. 4th By its being a less frequent dis=ease — 5th By occurring in the decline of life —

Children born of aged parents are more subject to it than others –

It is distinguished from Hysteria – 1st By its affecting the Bloodvessels primarily – there being a fever & spasmodic affections, also by its not having the Globus Hystericus – 2° By affecting more men than women – 3° & most of these of a sedentary life 4" By alternate Diarrhoa & Costiveness – 5" By being relieved by warm weather – 6" By symptoms of Dyspepsia & continual low spirits, by its affecting the Bloodvessels of the brain, & there being more durable & constant distress of mind – Hysteria generally affects the Nervous System, whereas Hypochondriasis the Arterial, & may be called a higher grade of Hysteria – In Hysteria the Nerves are Lax & highly excitable – in Hypochondriasis Stricture & non excitable – Hypochondriasis is never produced by causes which act on the understanding but by those wh act on the will & passions thro' their medium.

There have been many disputes whether they are the same disease – I consider them as differing only in degree – Hysteria is to Hypochondriasis what Typhoid is to Typhus state of fever. Dyspepsia appears to be the connecting link between them, it seldom appears in Hysteria until it appears in a higher grade Hypochondriasis. I do not say that Hypochondriasis always succeeds Hysteria, the latter being accompanied with more irritability, is relieved by cold – & one of its most unequivocal marks is that warm drinks & warm air is disagreeable. They may either run their course favourably or unfavourably without changing into any other disease. Hypochondriasis is more difficult to cure than Hysteria, in the same proportion that Typhus fever is more so than Typhoid or inflammatory state of fever. –

<u>The Remedies</u> are of two kinds
I Direct on the Body II^d Indirect on

the body thro' the medium of the mind. —

1 The Direct on the body are 1st V.S. if the Pulse be tense & full its advantages are evinced by accidental hemorrhages. I have heard of a man who fancied himself a goose, & layed upon straw several days supposing he had eggs under him — At length feeling himself hungry he stretched forth his arms for wings intending to fly, & fell with his head against a piece of wood wh cut it very much, in consequence of wh he lost several lbs of blood, & arose a man instead of a goose. When Dyspepsia occurs use Magnesia &c — It is the more necessary as Patients desire to eat uncommonly. —

2d Purges — these shd be of the most drastic kind, as Aloes Gamboge, Colycinth &c They are indicated by costiveness, obstructions of the viscera, & torpor of the Alimentary Canal. —

3d Low diet combined with both the remedies & after the Pulse is reduced, Cordial & Tonic remedies may be used, as the preparations of —

Iron, Opium, this is called Medicina Mentis — Tea & Coffee are highly grateful & proper — Warm Bath, & avoiding cold drinks — Madeira, Claret & other good wines. — Music wⁿ shⁿ be at first plaintive, & afterwards cheerful Cold Bath shⁿ succeed the warm — Assafoetida this is an excellent medicine. Excitemⁿ of Pain by Whipping, Mustard to the feet answers very well. Frictions — If fm worms they must be dislodged by the usual remedies. If all these fail, use mercury so as to excite a Salivation — This translates morb: excitemⁿ fm the brain to the mouth — exercise chiefly of the passive kind — If from repelled eruptions, solicit their return — I have known it twice cured by the Itch. —

The Remedies wⁿ act indirectly thro' the medium of the mind — But before we speak of these, it will be proper to mention the Symptoms in the Mind — 1ˢᵗ The patient is constantly miserable fm numerous

causes, but all of a personal nature - He is apt to think he has every disease mentioned in the Nosology - he imagines he has worms, gravel, venereal disease, Pulm: Consumptn &c even if has never had them before - he imagines his body contains living Animals preying upon his vitals - as that a wolf is devouring his Liver &c & sometimes actually imagines himself dead - 2d He has a false judgement of the Physicians, always changing & always complaining of the last - And of the remedies given him - Sometimes he is deranged with regard to property & thinks himself rich or poor, when he is not - With respect to the affections of his Mistress, relations & friends - thinks himself transformed into a dog, cat &c - & imitates these animals gestures, noises &c - fancies himself converted into a plant &c - Whatever he imagines himself transformed into, it is remarkable, all are of a degrading nature - Hypochondriasm

sometimes terminates in despair – this is the most deplorable symptom – it is the utmost exacerbation of human misery. I knew a Methodist confined in our Hospital 4 years in all the Agonies of despair – he said that while in that situation he felt all the miseries of the damned. – But this despair does not often end here, for it frequently continues & produces suicide, or constant wish to die, hence such a frequent resort to mill dams, Pistols &c for death. Let this Gent: awaken our tenderest sympathy, & inform us not to treat the disease as a trivial one. Suit the remedies to the state of the mind. To treat this disease with neglect is contrary to science reason & humanity

The remedies wh act thro' the medium of the mind are 1st Destruction of old Associations – 2d Cleanliness & employmt – Agriculture or Public life

When you are idle be not solitary
When you are solitary be not idle. –

3d Certain amusements, the chase, gunning, playing Quoits &c. A Tragedy often dissipates this disease sooner than a Comedy This last is disproportioned to the excitability of the mind. — 4th Committing pieces to memory, & particularly copying verses. — 5 Dr Burton compares the Scriptures to an Apothecary shop wh contain medicine for every disease. 6th The revival of the name of a dear friend or Parent — 7th Matrimony & Travelling. — The Physician must listen attentively to the Patient giving a history of his disease — they love to think themselves worse than they really are — The Physician must never drop a hint to the Patients friends that the disease is trifling, but must always treat it as serious. Case of a patient thinking himself dead, but upon the Physicians preparing to dissect him, he was excited to rise & continue so afterwards Another who wd not make water for fear of

x Music has often suspended the Paroxysms of this disease - Instance of a Man who was cured by the 100th Psalm - It sh^d always at first be Plaintive.

being drown'd by the flood of it, but on being told that the world was on fire, he immediately pissed his water in order to extinguish it. — Amusements of all kinds are proper, but business is best. Leaving off the usual stimuli of business, as Commerce, Agriculture &c of produce it — If this be the cause they sh^d be resorted to again — for man was not made to be idle — but when he wishes the enjoym^t of life, let him be active. (Exciting a stimulating passion suddenly is good) Action is the rest of the Soul — Company especially of Ladies — Reading Novels, Chess, Cards, or push-pin is preferable to doing nothing — Dancing Concerts, Evening Parties — Exciting the Passions — I once heard of Anger curing a Student who fancying himself dead, ordered the bells to be rung, but as the usual tone on such occasions was not given, he jumped up ran to the Sexton, & kick'd him over for not doing the business a right, & rung the bells himself for

some time, the exercise of wh cured him. A Gent: in Maryland who was accustomed to speculate on Religion, was always recovered fm a fit of Melancholy by the mention of some part wh he abhorred. — The worst grades will not bear Contradiction — where contradiction & reasoning are employed, be positive. It is sometimes cured by humouring him — If he believes he is affected with Ven^l disease, pretend to cure by giving medicines for the purpose — If he thinks he has living Animals preying on his Vitals, give medicines to destroy or expel them. If debt be the cause of this disease, it sh^d be removed if possible. if not, let him take the advantage of the laws of his Country — for you may be sure he is an honest man, for no rogue ever yet became Hypochondriacal fm debt. If by neglect or injuries of friends, advise him to forgive them or treat them with Contempt. If from Grief — Religion & reading the Scriptures

If fm Love, absence & travelling or a second mistress. Few men acknowledge love or debt to be the cause of their distress, & on this acct if the Physician is not very prudent he will not discover the Patients grief to arise fm these causes. — The Contemplation of beauty or Grandeaur as the Ocean in a Storm — Cowper was always relieved by a sight of the Ocean — Playing with Children, viewing the Sports of Animals, as Lambs, kittens, Dogs &c — Laugh & be fat — Monkies are exceeding good Doctors in the Spleen. —

If fm false opinions in Religion at wt time they are apt to think they have committed the unpardonable sin & that they are excluded the Divine presence — we wh turn Casuists, & tell them that all divines agree that it is very difficult to commit the unpardonable sin, & that no man ever committed it, when he was afraid he had — Also that we are not called into existence to be

excluded the divine presence. These opinions of the Patient frequently go on to increase until they produce madness, if not stopped — We must produce new associations of ideas, change the room, habits, dress, & even the nails & hair sh^d be cut — Every article of dress w^h by association might lead the Patient into his old train of thought sh^d be left behind. — Matrimony — few married people have it. Travelling is of great service both to the body & mind, going from friends among strangers. Exciting a counter passion is very good — Case of a Man in the Penn: Hospital who wished to drown himself — the Manager Mr Higgins prepared some water for him, he jumped in — Mr H. tried to sink his head under the water for the purpose of drowning him immediately; but then the patient determined to be burned to death; & as soon as the candle was applied to his skin, he determined to wait awhile, during

at time he recovered – There was another who, whenever I went where he was, wanted a Pistol or a Knife to kill himself. I told him the noise of a Pistol wd disturb the other patients, & that by means of a knife his blood wd be spilt about the Cell, but that I wd kill him in a more decent way by Ether – he instantly agreed, his arm was bound up & 16 oz of blood taken from him – he then agreed to lose the rest the next day, but when the next day came he was so much better that he wished to live above all things, and said there was somebody in the Hospital who wished to kill him. Few men make a second attempt to destroy themselves. Pain often relieves Hypochondriasis. A Gent: fm Barbadoes under my care was always relieved by the Gout in the feet. A Stone in the bladder has often suspended the distress in the mind – The sight & Caresses of Children must have a good effect for they never

fail to diffuse their life & vivacity to every person. —

Melancholia or Alau Mania.

It differs from Hypochondriasis, or change of Opinion respecting himself. He denies any disease instead of supposing one. In Melancholy the sight of the object wh produced the disease will have no effect. Melancholy follows Hypo^s but it is often 1st Blended & 2d Comes on without being preceded by Hypochondriasm. 3d It never affects the Understanding & I formerly said Hypochondriasm never affects the understanding but thro' the medium of the passions. In Melancholy the Patient instead of feeling Miserable, fancies himself happy. The subjects of wh the Patient is in error are independant of himself. Premises & Conclusions alike false. Enthusiasts of all kinds are affected with this. The perpe-

tual motion seekers - Alchymists - Enthusiasts in religion who pretend to receive divine communications - Don Quixote with regard to Knight Errantry &c &c

Remedies for this Partial insanity are similar to those for Satan Mania

Mania Universalis

or

Universal Madness.

This I shall divide into 3 grades, viz

I Mania or acute raving Madness, attended with great Morb: excitement same as in Malignt fevers - wh I shall call the Tonic.

II Manicula - This is attended with a Synochula, Typhus & Typhoid Pulse - This I call the Atonic

III Manalgia - attended with general torpor in the body & mind. Cold dry skin & slow pulse - In this there is so little disease, that it might be called a disorder &

it rarely comes on without without being preceded by Mania or Maniacula, & is generally the consequence of their being improperly treated — first of

Mania or raving Madness.

The Premonitory symptoms of this are great watchfulness, Costiveness, immoderate appetite, irregularity or instability in pursuits & conversation irascibility, talkativeness or taciturnity, Jealousy, Headache, Vertigo, unusual acts of extravagance, & all these too without the least appearance of absence of mind. To prevent Madness after these symptoms occur, all exciting causes must be avoided, the patient must be removed directly fm his business, & carried where he can be amused Students often have found great advantage fm changing their Studies. Rospean could not read long on one subject he wd read Novels & to snatch him fm impending Madness —

In proportion as the disease affects the Moral faculties will the actions be indecent & the words prophane — It is sometimes accompanied by symptoms of Hysteria or Hypo:— as Weeping or laughing —

This disease left to itself sometimes kills in 7 or 8 days. —

. Gentle reduction of the System by low diet is also proper - By attending to these Premonitory Symptoms, the disease is often prevented.

The Symptoms of Mania when completely formed, are singing, hallowing, imitating the actions or voices of Animals. great bodily strength - when there is uncommon strength the pulse is languid - The Nerves lose their sensibility to heat & Cold - An insensibility to Miasmata of Contagion - Great appetite or a want of it - Costiveness - hard & small Stools, diminished secretion of Urine, profane language, & now & then immodest in language & manners - Swiftness in running - The Pulse is sometimes Synocha, Intermitting, Depress'd or Quick - & in all other respects as in violent Malignt inflammatory fevers - Great wit - sometimes the Conversation is correct & conduct otherwise & vice versa. - Their minds frequently run on Subjects to wh they have been accustomed -

thus the naturally proud, are apt to suppose themselves Kings &c. — The senses are uncommonly quick in their Operation — hence they hear very distant sounds, & soon recognize old faces — Memory is often drawn fm its retreat, a talent for Poetry is often excited — If madness be produced by Love, it is shown by love sonnets &c If by unfaithfulness, by great resentment — These are the common Symptoms — but when they are ferocious & left to themselves — they resemble wild beasts more than Men — They shun human Society, & retire to swamps, Caves, Grave Yards &c. They have sometimes immoderate Appetites — This disease sometimes has Paroxysms, & Intervals of days, weeks & months. In one fit sometimes all is remembered that occurred during the preceding fit — at other times nothing. — They shew always, an action or motion wh is excited to Counteract the pain of the Mind. This to Counteract or

divert mental pain when they stamp, bite themselves &c — Weeping sometimes relieves the distress of mind — I have heard of a maniacal woman who said that she felt no pain at child birth

From this short view we are led to believe that there is a principle in the body to relieve the morbid affections of the mind. — Persons of vigorous imaginations & strong passions are most subject to madness — hence Poets appear to be more predisposed to it than others. I have perceived in Madness a peculiar disagreeable odour from the perspiration & Breath ——

<u>The Remedies</u> are 1st V.S. This is not new in Madness — but to open a vein is one thing & to draw blood according to circumstances is another. The old way of bleeding is like a dew in a dry summer, while the new mode is like a refreshing shower of rain, giving life & energy to every plant upon wh it falls — Bloodletting in large quantities

is indicated by all the arguments wh have been advanced to show that Mania was a disease of great morb: action. It is likewise indicated by 1st The state of the Pulse. 2° By the importance & great delicateness of the structure of the brain 3° By the appetite for food being unimpaired, hence large quantities wd go into the Bloodvessels, & consequently a greater requisition for Vs. 4th By the injuries done in consequence of the exertion of Bloodletting & 5th In consequence of their being no outlet to the Brain as in the other Viscera. 6th By the accidental cures fm loses of blood in this disease. Dissolved blood &c in all wh cases the morbid action is greater than that producing sizy blood. Sizy blood is not uncommon. Lastly it is indicated by the disease being accompanied with great morb: action & the success attending the Free use of the Lancet.

1st Take Blood very copiously in the commencement when there is great morb: action. 20 or 30 Oz is but a medium Quantity. I have called this an Anodyne. 2° Continue Vs as long as morbid

action is present — never sheath the lancet as long as there is a Synochula or Synochoid pulse nothing is done while any thing remains to be done — 3° do not look back to see how manytimes you have bled, nor for the quantity you have taken. 4° Bleed as long as morbid excitement shews itself in wakefulness, noise, red or fierceness of eye, even if the pulse be natural Remember the valuable observation of Mr J Hunter — "There is great morb: excitement often in the brain when the wrist does not sympathize" 5° If morb: ex: be nearly subdued & the pulse natural, cupping about the temples is proper, also about the forehead, chin & ears. These Gent: are the result of experience dearly bought — they have subjected me to years of unrelenting persecution. If the lancet had no other merit than its efficacy in curing madness, we sh^d forgive the metal of w^h it is made —

2° Remove the Patient fr^m his friends to a place of confinem^t — if the Paroxysm comes on while he is at home; If he is outrageous apply

the mad shirt, the less however this is used the better. A recumbent posture is very proper & the patient shd be kept in an erect posture as much as possible — 3d Solitude is recommended, & is indispensably necessary — it weakens the passions, fm the absence of objects. visitors shd be excluded, & even the presence of the Physician may sometimes be dispensed with. 4' Darkness ought sometimes to accompany solitude in the first stage of this disease. Perhaps some advantage might arise fm keeping the Patient stand^g up 24 hours, by wearing down excitability & expending excitement. — Keeping the Patient awake — how far sleep is to be indulged is doubtful — Sleep accumulates excitability, & is changed into excitement by the usual stimuli of the day. Low vegetable diet is proper — Fasting 1, 2, or 3 days wh acts 1st By depletion & 2d By exciting a new action in the stomach — but here it may be objected, that Beasts of Prey are rendered more ferocious by hunger — they however

are stimulated by exercise, & we know that by hunger they are most effectually tamed. A new study often relieves the morb: effects of an habitual one in the brain — Exciting the stimulating passions are proper — 5" The drinks sh^d be only water. 6" Vomits are used — they sh^d be used when found serviceable, they debilitate the stomach, & when the whole system is brot into sympathy do considerable service, but they sh^d never be administered unless V.S. has been previously used — 7' Purges are highly useful — Salts, Cream of Tartar &c were formerly used, but I prefer Jalap & Calomel — 10 — or 15 & 10 gr^s ut^r sh^d be repeated 3 or more times in the week. — 8' Blisters to the extremities — here they tend to equalize excitem^t, & consequently ought only to be applied to the wrists & ankles in the first stage of the disease — But in an advanced stage when morb: excitem^t is much reduced they may be applied on the head & then on the neck. — 9" Cold air & Cold water are excellent in this

stage of Madness. Water is applied in two ways 1 Immersion & confining the patient. No reaction takes place here. 2d By applying it to the head. The insensibility to cold is very great in this disease. I have heard of a man who was cured of Mania by lying out all night in the cold Open air. Cold bath is generally hurtful, but Cold immersion is an excellent remedy & to be effectual it shd be continued until the Pulse is imperceptible. When these are objected to, a clay cap, cold vinegar, Snow or pounded ice shd be applied to the head shaved. While these applications are to the head, the feet shd be kept in hot water, particularly if the circulation be languid. Compressing the Carotid Artery is said to have cured it. Hard labour sometimes cures it. Case of a man who made his patients plough, pull the plough &c this cured them & gained him great reputation. Salivation shd not be omitted after the failure of these. Acts by general depletion. it diverts morb: action

from the Brain to the mouth – it diverts & supplants the ruling passion of the patient – it diverts the mind, by exciting resentment & distress. I have long used it. It supplants as I said the ruling passion by removing or discomposing it, for the passions often discompose one another. –

After the system is reduced, the diet shd be more cordial, & the shower bath 2 or 3 times a day. – Shame counteracts the propensity to suicide. The virgins of Miletus were deterred from it by a law that the dead body of every maniacal person of them, shd be publickly exposed. In Madness of great rage, fear shd be excited – Music is often recommended & if it ever does harm it is by being applied at improper times, & after an improper manner. It shd be at first plaintive or sedative in time of Madness. – No unnecessary opposition shd be made, as it is like Oil to fire, or Opium to fever. The Physician shd try to acquire & keep up the confidence of the Patient – he shd never direct a mad

shirt or Chains in presence of the Patient, & if after 2 or 3 days he gets better & complains of the Chains, the Physician will get his good will very easily by ordering them in his presence to be taken off. He sh^d be dignified in his manners & behaviour to the patient & never laugh at his complaints or treat them as whimsical he all his promises the Physician sh^d be punctual — There are 2 Modes by w^h a Physician may command the confidence & respect of his patient — 1st By the eye — & 2^d by the voice — These two may perfectly calm their minds. As soon as the Physician enters the room he sh^d with a fixed eye catch that of the Patient until he outlooks him. All Animals dread a fixed or stern eye. A Mad bull has been known to be calmed by it. The voice of the Physician sh^d be as mild & gentle as possible, or ferocious & stern according to circumstances. Milton calls the face "divine" this might with more propriety be said of the

voice. The conversation of the Physician & attendants shd be adapted to the state of the disease. In the first or violent stage of madness the conversation shd soothe the mind, & never be contradicted. In the decline of madness it shd be diverting. & when the patient is nearly well oppose him, & reason about the impropriety of his conduct. In those 3 states it may be compared to a fever, in the first or violent stage of wh you must deplete, in the second, divert morbid action, & in the 3d stimulate. To effect these 2 last, it will be necessary to rescue our patient frm his friends & from improper company. The patient shd never be confined a single day when they cease to injure themselves or others. In those who are deranged on one subject only, avoid introducing that into conversation, or when introduced turn to another subject. Errors of Judgment are fed by conversation. Left to sleep, they generally die a natural death. Terror or fright sometimes cures Mania

A Lady in Virginia rode out, her horse ran away with her, but at length stopped by a gate; this circumstance alarmed her so much, that when overtaken by her attendants they discovered to their great pleasure & astonishment that she had entirely recovered the use of her reason. — Whipping has cured a man, in this case it was partly by terror & fear, & partly by a new action. Madness is sometimes cured as quick as a dislocated bone is reduced. Sometimes placing the cause of their madness in a ridiculous point of view will effect a cure. A Watchmaker in Paris in the Reign of Terror imagined his head cut off, & that he carried it under his arm. He told a story of another person who carried his head in the same manner & kiss'd it. A person asked him how he wd kiss his head — the sudden sense of the Absurdity seemed suddenly to reduce his lunatic brain. Committing passages to memory is good, it acts by abstracting morb: action from a diseased to a sound part of the

brain. As soon as the disease declines, the patient sh^d be indulged by a more generous diet, company & gentle exercise, as swinging or riding in a Carriage, but the principal Remedy here is the Cold shower bath by acting directly on the brain, & to be effectual sh^d be used 3 or 4 times a day. Exercise & Amusem^ts in succession are proper, as they keep the patient f^m thinking of his former habits. I once knew a Lady who was free f^m madness only when at cards, & her friends kept her so long at them that she lost the habit of wrong action & became perfectly well. Dr Priestley says that Dr Ash of London was cured by resuming the Study of Mathematics of wh he was very fond in early life. Cowper relieved himself always by playing with Horses, dogs Cats &c. These remedies are proper when the mind rambles on various subjects, but sh^d be the reverse when the mind is fixed to one subject.

In this deepening state of Madness the patient however must be very narrowly watched

for they often discover a degree of cunning entirely unnatural to them & has often imposed on the Physicians & Attendants — This state is sometimes cured by an association of time place & company — Mr Davis of this City was taken with derangement going for market, but when carried home was perfectly cured by the association of place &c. I have known a Clergyman sane only while in the Pulpit & a Judge only so while on the Bench — Van Swieten relates the case of a Cabinet Maker who was only so while in his Shop. — But time produces by its influence on the mind healthy associations. The Revd Dr Alston was more rational on Saturday than at any other time owing probably to that day being formerly devoted to study & retirement in order to prepare for the services of the next day. Company is often of service if they be such as was formerly respected — Lastly, great attention shd be paid to the dress apartment & of the Patient to keep them clean — These are proper in the last stage or convalescent state. —

J

Its credit is owing wholly to its reducing the frequency of the Pulse. —

I shall now mention the remedies generally used formerly in great morb: excitement – 1st Opium has been recommended by cullen, but it has done a great deal of harm in this state of Mania – It may be given in small doses – Acts by dissipating excitability, & thus reducing excitement – 2° Camphor this has been much recommended & once cured Mania, but I believe it was in the stage of weak morb: action – 3° Hellebore this does good only by its purgative quality. 4° Borax this is destitute of virtue in this disease – 5° Digitalis this has been of service in only one instance that I have heard of – 6° Stramonium this has only twice mitigated it. – All these remedies were introduced when there were no principles of the theory of this disease, & of course the practice wholly Empirical – Coercion has been a favourite remedy lately in England especially since it succeeded in curing his Majesty – It consists in bending down the patient with the strait waistcoat, & inspiring fear – threatening him with stripes &c

&c. This remedy is successful principally by the sedative operation of fear – but as the degree cannot be regulated, & as it always leaves disagreeable associations on the mind – I think it might be dispensed with. The King of England cannot at this day bear the sight of a whip, as this method was used with him formerly – but it preceded its use. Many severities have been used with Maniacs, but they are unnecessary, for madness is under the power of Medicine It yields most easily to kind treatment & depleting remedies. –

Manicula. –

Or madness of weak Mob: action. The symptoms of this are great taciturnity, a fixed position of body, a down cast look, indifference to surrounding objects, neglect of person & dress, long beard & nails, dishevelled hair, skin dry livid & dark, insensibility to cold & heat, impaired appetite Costiveness, constant spitting of a tough phlegm wh adheres to their skin & clothes, hence

they have been called Sputatores. Slow respiration, a languid weak or slow pulse, or quick one - insensibility to medicines, obstructed secretions &c These are the Symptoms when the patient is Confined - but when at liberty he seeks solitude, wanders about &c —

This Atonic madness sometimes affects all the faculties of the mind but sometimes the understanding & passions only. Sometimes it affects all the faculties except the Memory, wh. it leaves unimpaired, this is the most deplorable state of madness — Merry on the pains of Memory describes the misery of those retaining their memory unimpaired while all the other faculties are affected It is happy for the patient with the loss of the others to lose likewise the memory. — Sometimes the Moral faculties are affected, and then we see even those who were formerly decent & virtuous, shew marks of indecency &c but they remain more frequently uninjured amidst the loss of reason Memory &c This state of Mad=

1 direct on the body. 2 indirectly on the body through the medium of the mind

When disease is remote to the Lyphus state or it sometimes is the case 1 Stoop direct on the bowels 2 direct or remote Bow bowels 1. Cordial diet and bowels opened. 2 Gas lic Chalybeate, medicine bath cold & warm bath in succession 2 artificial heat, 2 artificial diarrhoea. great pain caustics, salivation, exercise, amusements, labour, [illegible] [illegible] [illegible] music

ness continues sometimes 15, 20, & even 30 years when moderate in degree; but it more frequently ends in Epilepsy, Apoplexy - Convulsions - Hysteria, Hypochondriasis - Fatuity & Death. Those labouring under this state of Madness have generally great equanimity of mind & frequently become Corpulent in consequence of their inordinate appetite & want of exercise of body & mind. The Tonic & Atonic madness often alternate with each other, as often sometimes as 3 or 4 times in a year & are sometimes blended together. There is great morbid action sometimes in the brain, & but little in other parts of the body. Madness is never stationary until it ends in Fatuity. — Sometimes the Animal Functions are entirely unimpaired, & the excitement exists only in the Brain. Maniacs are generally worse at the full of the Moon. —

<u>Remedies</u> - When morb: action is subdued, the same as for Mania, but in less force. + —

Manalgia. –

This is when there is more or but very little morb: action in the Brain it is only a weaker grade of Mania & is so much like it that I shall speak of the remedies for both under the same head. It sometimes affects all the faculties but generally leaves the memory unimpaired. –

The Remedies for these are nearly the same as those mentioned for Mania. But when the disease is descended so low as to forbid V.S. they are

1st The warm Bath wh. sh.d be continued weeks & even Months until excitability is roused, when it sh.d be succeeded by the cold bath. Also great advantage attends by letting the water fall fm a great height. 2.d Wine or Ardent Spirits. These cure it with great certainty when it arises fm drunkenness or Opium. –

3.d Opium. this is of great service when it arises fm Parturition, or succeeds Typhus Fever, when it is called by Cullen Typhomania. If Opium fail, give wine, Sweet oil, Hyosciamus &c.

Blisters

Blisters, Sinapisms & Caustics. The Cautery from being a greater Stimulus is preferable. I have heard of 4 Cures by it. Abscesses are sometimes useful. Johnson says that Dean Swift had a temporary return of his reason during the continuance of an abscess in one of his eyes. 4th Dr Parry has acquired great celebrity in curing Tonic Madness by compressing the Carotids — What now wd be the effect of pressure on the Jugulars? Could be brain be strengthened & healthy action produced by it? I think it might succeed considering the effects of inflammatory diseases in this state of the system. An Epidemic Angina cured several Maniacal patients in our Hospital some years ago. Few madmen die without discovering reason just before their death — this may be owing to fever wh always precedes death & by wh the circulation thro' the brain is accellerated — 5 "Excite the stimulating passions if possible, as anger terror &c — Dr Wood cured a patient who had been

perfectly silent for a year by exciting his Passions - The patient happened one day to have a flower in his hand - the Dr looked over his shoulder & observed "what a fine cabbage you have in your hand" the Patient immediately replied - "You are a fool & a liar for it is a flower" his taciturnity from this time ceased. Exciting the domestic & Parental affections is often of service - the patient is often cured by the sight of friends. A Lady was delivered of a child while in the P. Hospital, & she recovered - which was taken away by her husband fearing that it wd be injured, after wh she grew worse immediately & "Muscle of a lively & exhilirating kind - Qly Exercise is of great importance, as walking swinging, riding on horseback, in a Carriage &c but labour is best if the Patient can bear it — working in a garden for men, & spinning washing, ironing &c for women - Confinement in this state of Madness is much less necessary, & shd only be resorted to when the patients are

very mischevious, or discover a disposition to run away. 10th A Salivation shd not be omitted. It is to be regretted that it can seldom be excited. I have known 2 cases of profound silence in Mania to be removed as soon as the Mercury touched the mouth. The skin shd be kept clean, the hair combed, the beard shaved, the nails cut &c. I once heard of a patient who was cured by falling frm a great height in consequence of wh he broke his arm. 11th Bartholet speaks of Stripes as proper. Here they must act by exciting pain & sudden anger. All the Remote, predisposing & exciting causes shd be avoided. It is objected to that when Mania is cured it is apt to return, so is Pleurisy &c. this is no objection to its cure. When it is best cured it is least apt to return. A relapse is prevented by carefully avoiding the predisposing, Remote & exciting causes. keeping the Maniacs in a little employment is good. Cooper was worse when idle. Taking Maniacs

into private families is often of the greatest service, by keeping the knowledge of their complaints from other people, wh they often crave, & even sometimes fm themselves.

The solitude & of a Hospital has often caused convalescents fm Mania to relapse. Hospitals afford few mental remedies, wh I have said are as necessary as Physical. The dread of being gazed at in a Hospital has sometimes made melancholy people Mad. — Taking them into private families is the more necessary as they are often neglected by their friends, who despair of a cure. — It is the duty of a Physician to prevent this cruel treatmt as well as inhuman practice, by asserting that the disease is under the power of Medicine. In asserting that the disease is curable, I do not say that it is always so; for when the Organization of the brain is destroyed, it is not so. In long continued cases such disorder of the brain may occur, as shall baffle all the powers of Medicine. But this is no

more than what occurs in Consumptn & the patient however shd not be deserted in the most protracted cases. By attending minutely to the symptoms & states of the system for 3 or 4 years, the most obstinate cases will sometimes yield. If Schirri are removed & waters are removed from other parts of the body we ought not to despair of the Brain. — F — was admitted into the Hospital — after some years standing — he could not speak, his tongue lolled out, saliva stream'd from his mouth, his stools & urine were passed unconsciously — if placed at the head of the stairs, instead of walking he wd roll down. Yet by the Operation of the warm & cold bath continued use of Stimulants & Tonics, he recovered his Speech knew his Physician & Keeper & was employed in several offices about the Hospital. — In this Convalescent state he was carried off by a Malignant fever. Vice is the effect of derangemt in that part of the brain wh is the seat of the moral faculty — but if it be cured by religion, for

the honour of our Profession Gent: for the good of Mankind - let it not be said that medicine cannot cure Mania. —

The Symptoms indicating a favourable or unfavourable termination of Mania are 1st Weeping is favourable, particularly if it was ushered in by Hysteria, it shews the disease to be going out the same way it came into the System - 2d A sense of pain in a part long insensible, or when it has long been absent, indicates the Patients return to Hypo: - 3° A return of an old habit of body or mind - Sir Geo Baker pronounced the King of England out of danger as soon as his usual volubility of tongue returned. A return of Stammering was the harbinger of recovery in a Gent: in this City. - The return of affection for objects formerly beloved. Mrs Delacorte observed to me that she knew she was better because she ceased to hate me. 4th The return of habitual diseases wh have been suspended by madness - as Piles, Rheumatism

Cough, tumours &c - 5th Abscesses are favourable. Swift had a return of reason before his death in consequence of an abscess of the eye. Four recoveries in the P: Hospital were the effects of Abscesses - 6th General fever necessary 7th Remissions or Intermissions favourable - 8th An increased secretion of the mucus of the nose, head ache, warm & moist hands & feet, & cessation of burning at the feet are favourable. Diarrhoea is mostly fatal, but I knew it cure Mania of 9 years standing - & Dysentery to cure Mania of 2 years standing in the P: Hospital Madness wh is hereditary is said to be most apt to return after being cured - That wh comes on suddenly is more easily cured & vice versa & also easier cured when it occurs in young people, than in old - From fevers & Drunkenness it it is more easily cured than from Mental causes. Persons who have children are harder to cure than those without them - When madness is Tonic - When from the common cau=

ses of fever, the cessation of the menses, & after parturition it is easily cured — but if from Epilepsy or lesions of the brain, it is hardly ever cured. When from intoxication not difficult to cure provided the patient be not an habitual drunkard. Madness most difficult to cure when from old mental impressions. —

Maniacal patients generally die of one or other of the follow^g diseases. 1st Diarrhoea 2d Convulsions 3d Pulm: Consumpt^n 4th Atrophy 5th Dropsy especially of the thorax — 6th Epilepsy 7th Cholera Morbus 8th Malignt fever — Lastly death is brought on by the little mode of dying viz refusing food of any kind. Fasting th^d be prevented by placing food before them Sometimes they will drink water but not take any nourishment — Here refuse to give them water unless they will take food, & they generally will to get the water. —

Derangement of the Will

The understanding here is perfect – The memory may be sound – There is a convulsive action or Tetanus in the Will. In this state of fever there is a disclosure of secrets, & without a possibility of retaining them. A Gentleman who had always been remarkably reserved, began to communicate his secret transactions to his attendants, aware of the impropriety of his behaviour, & lamenting the necessity he was under of doing so – It frequently vents itself in outrages in the night when mob: excitement prevails highly – The Passions are the instruments thro' wh the Will performs these outrages. – The Maniac in this situation sometimes murders his wife & Children & surrenders himself to justice – These perpetrations are 1st Without premeditation – 2d Against friends & relations & 3d Without any desire to conceal them or to evade the law – Considering these things, we will know

(a) This is an original disease of the body and the remedies must be accomoda-
-ted to it

(b) This is disorder. remedies stimulant, and tonics. preceded by depletion. —

= a unrelated without appearance or judgement -

how to distinguish disease from a Crime - Such persons should be pardoned. - Another sign of derangement is that they seldom deny the acts they have committed - I am of opinion that many Murders are committed in Consequence of this derangement of the will (a) The Will is sometimes Paralytic the person is said then to have no will of his own (b) The mind can comprehend clearly what is proposed to it but the Patient cannot act - This case is similar to that of Hydrophobia -

The Remedies are Vf. & all the Remedies used for the inflammatory Derangements In a Paralysis of the will, the remedies for Fatuity should be used. The Patients should be forced to exercise the will. -

There is a Disease of the Mind called by Mr Pinell Demance - It is a constant succession of Quick perceptions, & such perceptions as are true - Absence of Understand^g & Reasoning The subjects of this kind of Mania

+ low diet purges and the depleting plan generally

for wt I have no name, is always in a hurry, speaks with great rapidity, rises early, knocks up his servants - scolds to get his breakfast, goes in a great hurry into the street. speaks to every person he meets, asks 100 questions, without waiting an answer to either of them - He is quarrelsome & good natured. generous & avaricious, greatly elevated or much depressed, & all in the course of a day - Occasioned by mobility in the brain. —

Remedies - if attended with great excitement v.s. + Where Periodical Tonics. —

Diseases of the Memory.

There is often a weakness or loss of Memory while the Understanding & all the other Operations of the mind remain sound - I will here deliver a few remarks - 1st In exercising the Memory there is often an involuntary motion of some other object or thought in the mind - for example, in attempting to ask for a knife he wd say a

Oblivion of the quality of most familiar subjects.
Oblivion of numbers and time
Oblivion of names and ideas but not of numbers.

Symptoms a disposition to rub the forehead.

bushel of wheat. No more happens here than in the Chorea St Viti where on attempting to exercise a sound limb, the voluntary action rebounds as it were, & exercises the affected limb. 2° Sometimes there is a total oblivion of the sound of words in the Memory, while a remembrance of the letters composing their names remain. As a man in this state of mind meeting a neighbour says, how does your wife? naming the letters but forgetting the sound they made. Judge Hopkinson forgot the name of Butter & to tell his meaning always drew his knife across his bread. 3° I think I have seen something like a Palsy of the Memory, for I knew a man who could not distinguish between a jug & a pitcher, & a school boy who was one week learning a single grammer rule (The Dative & Ablative plural are alike. The causes of this state of the Memory are 1st Intemperance in eating 2° Intemperance in drinking — hence the law in Spain prohibiting the evidence of

of drunkards 3d Excessive venery, or unnatural & long continued sleep 4th Grief, a poor woman who had lost her children forgot her maiden name 5th Constant use of Opium 6th Lesions of the brain - except in sleep, fevers, more especially those of a chronic nature. The late Revd Wm Tennant at the age of 19 forgot his Latin grammar so completely as to be obliged to begin again - It suddenly returned as he was reciting a grammar rule, & he was able to read the usual books with the greatest facility. The Gout translated to the brain, Palsy, Apoplexy Vertigo, drying up of issues, snuff taken to excess & Cases in the case of Dr Pringle, has destroyed the memory - 7th Terror sometimes suddenly destroys the memory - I have heard of a man who lost every thing he had ever learnt by the sight of a crocodile - 8th Oppressing the memory with too many words - as in the case of the Clergyman who destroyed his memory by getting his sermons by heart - A weakness for ideas

The remedies are corporeal and mental

is often occasioned in Children, by Obliging them to commit long speeches to Memory 9th A neglect to exercise the memory 10th A cessation of study & acquiring new Ideas, for by ceasing to acquire new Ideas we lose all our old ones (case of Sir I. Newton) There is no Stationary State of the mind, when we cease to acquire ideas we are retrograde. I wd not employ the best Attorney or Physician in the world, if they had declined practice four years. —

Diseases of the Memory may be cured or prevented 1st By avoiding all the remote & exciting causes — 2d Close attention to the subject we wish to retain. Frequent repetition — the effects of repetition are such as wd make a person believe what he had often repeated, tho' it were false. Incidents wch have no reality, by repitition become so blended with facts as to be undistinguishable from them. Dr Cullen recommends to boys, if they wish to retain the Anecdotes they have heard in Company to relate them in the next company they enter. —

Remembrance is in some degree ensured by repetition. A Printer in London spent 7 years in Printing the Bible only, & when he had finished, he could repeat every chapter & every verse in it 3° Memory is assisted by calling in the aid of the other senses, as the ears, eyes & taste – Children when alone generally read out to assist their memory – When the eyes & the ears cannot both be addressed, the ears are to be preferred, being less liable to be distracted 4° The Memory is greatly assisted by Association fm circumstances influencing it as time, place, pleasure, pain, sounds, words, letters, habit & interest – 5° By keeping the mind intent only on what is useful – Dr Johnson being asked how he remembered everything he heard, answered, "I remember every thing Sir Joshua Reynolds says, because I know he tells the truth: but I forget every thing Dr -- says, because I know him to be a liar" 6° By exercise, for this purpose a, Memoran-

dum book th^d be used but with extreme caution in youth - in old age they are useful. they are like go carts to children - 7" By shutting the eyes - & Dr Cair informed me that he could at any time excite the recollection of words by committing 2 or 3 lines of Poetry to memory - this excited that part of the brain that is the receptacle of words, When a person is asked a question he is at first frequently unable to answer it, the suddenness of the effort to reply produces indirect debility of the part - If you change the subject, he soon recollects the name enquired for

9" Repeating what we wish to remember just before going to bed - 10" Singing aids the memory very much - hence a song is remembered much better than the simple repitition of the words contained in that song. The Physical means of preventing weakness of the memory - these are to be regulated by the state of the brain & the cause of the disease. If there be great mord: action avoid all the exciting causes - & if the pulse in-

dicates it N.S. If from Palsy & Tonics Spices Cold bath & all the remedies mentioned for those diseases are proper. Cold bath is of service to improve the memory. Milton has left it on record that his memory was always best in cold weather. Gentle exercise. Nothing says Pope awakens ideas so much as a trotting horse being rode. I think it proper to observe here that no ideas lodged in the memory, tho they may lie dormant are entirely lost. The Countess of — was nursed by a welch lady from whom she acquired a knowledge of her language. after some time she was thought to have forgotten it but in a delirium from fever she could perfectly speak it. While in Edinburgh I knew a young man, who, when a boy, had learned the French language, but had afterwards forgotten it — In a fit of intoxication he could speak it fluently. —

Fatuity

Fatuity. —

This is brot on by a long continuance of madness. Its resemblance to the chronic state of Rheumatism this being called Rheumatalgia, I shall call it Manalgia. It consists in the total absence of the understanding & Memory but there are often different grades of it. —

1st It discovers itself in the vacuity of the eye, silence, gaunlity, lolling out of the tongue &c when it is congenial, the bones of the head are thick, & there is a disproportion between the head & face — 2° Idiotism & Fatuity are induced by all the causes of madness — 3d By old age, It is a Melancholy truth that we are once men & twice children. In old people it arises from dryness hence the want of action in the brain. —

You will perhaps smile Gent. when I talk of the cure of this disease, but it has been cured by causes inducing a change in the system 1st By time, disease & Circumstances. Dr Hunter

gives one case of it & Pinelle others, especially between the age of 18 & 25. On the 25th Oct. 78 a Lunatic was brought to the Asylum in New York, & in the first 6 weeks he was fed as an infant & was wholly indifferent to every thing around him. He continued nearly in this situation till 4th May 1783. He said when he first spoke he thanked the attendants for their kindness towards him wh he said he began to perceive a fortnight before, but had not the resolution till then of mentioning it. He said that during the whole 5 years his mind was entirely lost to him. there was no medicines administered to him. he was cured by time alone. hence Gent: we shd never give them over as lost.

2d It has been cured by falls & burns of this I have heard of 2 instances, one by a fall in wh the head was much injured & a great pain caused in one leg. I formerly said that I believed that the first impression made on a child was painful & became agreable or painful by re

× Disease has in more instances than one awakened this morbid repose of the Brain — One Patient recovered by the use of Cordial Remedies

repetition. I now say I believe that those who experience little pain have a little mind and vice versa. — 3° Connected with these are chalybeates, exercise, hot & cold bath — but the excitability must first be accumulated if possible for them to act upon. There is a continual appetite in this disease, hence the excitement appears to be thrown into the Stomach & sometimes in the organs of generation. Are there any medicines wt act specifically on the brain? Yes I believe there are, & amongst them is Stramonium wt I believe acts principally upon it — What wd be the effect of exhibiting it in this case? What wd be the effects of frequent intoxication by wine or Ardt Spirits? They excite the brain & produce flights of fancy & flashes of wit in common minds. × Fatuity fm old age cannot be cured but may be prevented. Dr Johnson says Swift became mad 1° Because he avowed never to wear Spectacles — 2° The Avaricious habits of his later years made him shun company

& conversation. The minds of old people fall into Fatuity for want of the Stimulus of new Ideas - hence we more seldom find old people deranged in Towns than in the Country. Country people when becoming helpless & neglected by the younger ones, are very apt to become fatuitous. The Moral Faculties particularly the sense of Deity generally remain uninjured by old age. this is owing perhaps to a greater or less exercise of them in a former part of life. This decrease is now rare in Cities where Conversation & Amusements are enjoyed. Franklin is a striking instance of the effects of Mental ~~Stimulu~~ exercise in preventing the decay of the mental faculties — at the age of 84 his mind did not seem to be the least impaired. It is a fact worthy of observation that the moral faculty is seldom impaired It remains unshaken amidst the ruins of the memory & understanding. The Moral Faculties are not the result of education, but innate & original in the mind. In order to assist the remedies

above mentioned, the patient shd apply himself to some simple book, for the eyes may acquire ideas wh the ears cannot - History is to be preferred

Diseases of the Passions & Venereal Appetite

They are Love, Grief, Fear, Anger, Joy, Envy & Malice & Lust - In speak of each of wh I shall borrow all the aid I can from Metaphysicks Morals & Religion - I shall make a few observations on the subject of the Passions - 1st Nothing tends more that the Christian Religion to restrain & govern the Passions - 2d Education - Nothing conduces more to our equanimity of Mind than an early Education - 3d Cultivating the understanding has great influence in moderating the Passions. The Study of Mathematics is very good to compose the Mind - who ever heard of an irritable Mathematician. When Sir I Newton had made a large Collection of Notes for his

study, I had them on his table before him, his dog jumped upon it & threw down the Candle wt soon destroyed them — he only said "Demon Demon (for this was the name of the dog) little dost thou know the injury thou hast done thy Master — Washington & Rittenhouse became of the most composed minds for the study of Mathematicks — 4th — That degree of excitemt that takes place in violent exercise of the Passions is unfriendly to life — The Indian & Italian are widely different in this respect — the former being alike indifferent to all the charms of the female sex — while the latter pine away their lives in Sonnets to their inamoratas — They are all accompanied or preceded by debilitating causes, as Idleness &c &c. —

Love. —

This in excess alone is a disease. It discovers itself in great irritability of the System, face flushed, perpetual talking of the object beloved

or obstinate silence, sighing, want of sleep, face flushed, predilection for solitude & Moonshiny nights &c When a woman discovers equal signs of love, she either looks steadily or not at all at a man in company - Love when successful is productive of no pain, but when unsuccessful, induces fevers - Dyspepsia Hypochondriasis, Hysteria, Suicide &c. If a Lady after entering a room, retire to decorate herself she is certainly in love. Mr Galvan who destroyed his own life by a Pistol on acct of his unsuccessful love, left in a note on the table the following words. "The successful in love will despise me & ridicule the act as foolish, but the unsuccessful alone will pity me" It is a singular fact that the object beloved is seldom dreamed of, & what is more surprising & extraordinary, the lover can scarce call to mind a vivid idea of the object beloved Love affects both sexes & all ages - General Lee relates in his travels the case of a man who

was 80 years old & crying because her father (who was 112) objected to his marrying a fine young girl. —

The cure of unsuccessful love is 1st When a fever, sighing &c attend — V. S & Clistering — Let the pulse guide us in our inquiries whether the fever be from love or not. Mention the object beloved & feel the pulse wh will imperceptibly change if fm that source. Ovid advises a second Mistress — Cinam Amicam. Shakespeare says as fire drives out fire, & pity, pity. So does love expel love 3d Ovid likewise advises to find out & expose to view the bad qualities of the mistress as much as possible — 4 "The Company of the mistress must be avoided — Travelling, this affords conversation fm strangers who are unacquainted with his Mistress & the situation of his heart. In such companies he will hear nothing of her, & cannot with propriety speak of her himself — Absence is justly stiled the "Tomb of Love" — 5 "As love & hope are bound together

so they must die together – Extinguish all hope & love soon follows it – hence in that excellent work of Dr Gregory to his daughters, he pointedly advised them to leave no hope of success in the man they rejected. 6th Exciting a more powerful passion – as Ambition Resentment &c – If he can inspire the Lover with resentment against his mistress for discarding him, or bring him to believe that she is unworthy of him, a great step towards a cure will be effected. – Ambition if possible shd be excited, & the lover shd be encouraged to set out in pursuits of Glory. –

Grief.

The nature of our Profession requires our attention to this, since we shall so often meet with it – Grief is implanted in us for wise & benevolent purposes – It produces fever, sometimes Syncope, Asphyxia, Apoplexy, Epilepsy, Dyspepsia, Hypochondriasis &c instances of its producing these are frequent congestions about the head. Tears are the usual signs of Grief, but intense grief has no tears – there is a weeping point in grief

above or below wt tears refuse to flow. Such are the effects of grief that the system often becomes insensible to cold, hunger, thirst & wakefulness generally attends the first operation or state of grief but there are degrees of it wt produce sleep by the stimulus of one idea wear^g down the excitement to the sleeping point. In our first visit we sh^d imitate Jobs friends, be silent the mind in the first paroxysm of grief resembles the limbs in some states of Rheumatism in wt the most gentle touch gives pain. Grief in this state is palliated by silence while a single word makes it worse — 2^d A little work called the mourner written by Dr Grosvenor sh^d be placed in the hands of the Patient, but when this cannot be had, the Physician himself sh^d inspire the hope & comfort of the deceased being beyond the grave. If the Physician had no other inducement to go, going to the house of mourning is sufficient — He will thus have an opportunity of administering consolation to the

Obs. if the system should react and be excited

afflicted, & will then he is conscious of having done his duty by his Patient. The earlier after the patients decease this visit is made, the better. A Physician reaps more credit from such well timed sympathy than perhaps from all his attention in time of health. — 3° In England the family after the loss of a friend retires to another house or into the Country, but this is impracticable here, & rarely proper. The association of the clothes &c may be obviated by early accustoming ourselves to the sight of them. 4° Remove the deceased as far out of sight as possible, hence Grave yards are improper in towns or near Country seats. 5° When there is an absence of sleep below the sleeping point & Opium every night after the first few weeks never mention the name of the person deceased. The conversation must be on general things & never lively if fever succeeds use the remedies for fever. If Dyspepsia or Hypochondriasis, use their remedies

+ Sailing; riding and certain animals

Fear. — —

This was implanted in us on acct of the dangers & evils to wh life is exposed. Its objects are 1st Reasonable — 2° Unreasonable. The objects of the first are sickness & death — those of the latter are darkness, ghosts surgical operations attacks in publick &c + Its effects are tremors, quick pulse, hysteria, pale urine, Globus Hysterieus, Fevers, Convulsions, Mania, Asphyxia & death Besides these, it has a peculiar effect on the hair 1st It causes it to rise — 2° To turn of a grey colour 3° To fall off fm the head. —

The Remedies are Moral, Artificial & Physical. The Remedies for the reasonable fear of sickness & death are 1st Just notions or opinions of divine Government for wh the Scriptures shd be read 2° A recollection of the past of the frequent escapes made fm death in sickness &c — 3° Frequent meditation on the subject, painful sensations by repetition become pleasurable. 4th Constant employment

Fear like vice always seeks a weak part & attacks when idle — 5" reading history & books of Science only. 6" Company in hours of exposure to sickness & death. Lewis XIV when about to depart this life said it was not so difficult a matter to die as he expected. It might be partly owing to the company around him — Voltaire says all die with Composure who die in Company. 7" Musick expels the fear of death hence Soldiers are emboldened by an animating march. Noise of any kind dissipates fear — hence boys whistle &c while passing by a grave yard &c 8" Opium lessens fear. Fear fm darkness is prevented by an early education, & fear fm ghosts by the same means & exposing the absurdity of such doctrines. If fear be fm a surgical operation, a large dose of Opium shd be taken — if fm sailing & riding, exercise in early life &c — From all its causes by exciting a Countermotion, as glory in a Soldier. There is great advantage fm association in fear — An horse when he fears to hear a Gun

(b) 1st those which prevent it and
2d those which cure it after it is
formed

ifeating. is seldom alarmed thereby

Anger.

This like love is implanted in us for wise & necessary purposes & is injurious only when in excess – There are 3 grades of this passion – Anger Rage & Fury the last is the greatest – The effects on the system are according to its grade – all determine blood very much to the head – it produces foaming at the mouth, great volubility of the tongue, silence, convulsions, Apoplexy &c Sometimes it produces tremors, puking of bile &c –

The Remedies are 1st Religious, Moral or Physical – 1st A sense of its impropriety or immorality 2d – A sense of repugnance to decency shd be pointed out & insisted on – 3d Saying the Lords prayer when we feel the approach of anger or counting 20 before we speak in a rage 4th Exciting a counter passion, as fear it is an excellent antidote to Anger – 5th a large draught of cold water which gives time for reflection 6th I have known a bucket

The effusion of cold water would be serviceable.

of water to be thrown on a dog to palliate his rage, & equal effects for it in a Servant Girl in this City — Dr Arbuthnot says a mild & vegetable diet has sometimes cured it, but even in some cases milk itself has been found to increase the angry temper — & when Anger is for fear opium is good — avoiding all exciting causes, as Ardt Spirits — Fatigue, Hunger, Thirst &c. —

Joy. —

This sometimes produces disease on the human body as Syncope & Death. The Physicians business is to moderate it. Joy in an highly excitable state of the system is hurtful — Excess of Laughter sometimes produces death as in Erysippus & one of the Popes — Its Cure consists in exciting a Counter passion, or an irritating pain in some part of the Body recollect the Preacher who pinched himself while in the Pulpit to keep himself from laughing. for its consequence land. afforded relief —

Cy Malice is chronic revenge

Envy is the mental disease of poets
players and physicians and most
in the last no remedy but the influ-
= ence of religion

+ pain tremors

Envy & Malice

These resemble the low chronic state of Fever Envy says Lord Bacon knows no holiday. The face is suffused with blood when the person envied is present + these principles slow working produces deep seated diseases. —

Lust. —

This appetite is so intimately connected with the passions of the mind, & with moral evil that I have inserted it here. Like the passions it is implanted in us for wise purposes. such as propagating our species &c. In excess it produces disease both of body & mind. It is often the cause of Onanism for the effects of wh see Tissot & Bell Lust gratified produces tumors tabes, Dyspepsia, Hypochondriasis - Vertigo, Self polution, Furor Uterinus, Epilepsy, Madness & Death. —

Its usual causes are - 1st Excess in eating 2d Excess in drinking, or too great indulgence of the venereal appetite - 3d Indolence or a de-

dentary life. Idleness is frequently the remote cause — hence we see it so often among students of an idle turn, in whom both a sedentary & an idle life is common. Lemnous ascribes it in weavers to the constant exercise of the lower limbs. It occurs in Gout & Hypochondriacs, & it is owing to the sedentary life of Hypochondriacs that they are subject to it. It is the evanescent sign of Hysteria & is attended with a preternatural appetite. But we often see it in debility after fevers, in wh. case the Genital Organs sympathizes with the stomach, wh. in Convalescents wishes for the most stimulating aliments. The unusual excess of the venereal appetite attends Convalescents fm. the bilious & yellow fevers. Lust attending Convalescents is one cause why the sick so often marry while they are getting well — The nurse or Lady attending them is frequently the object. It might be fm. this cause that the celebrated Howard married his Lady. —

The

The Remedies are 1st Matrimony & fidelity to the marriage bed - but if this be impracticable - 2d Low diet - Dr Mark mentions a case being cured by this - 3d Plutarch mentions that the priests prevented it by carefully avoiding to eat salt meat 4th Labour or constant exercise - hence the Scythians are so little addicted to the pleasures of Venus - Hippocrates says riding on horseback is proper - I confine this observation to our sex only as I think the peculiar posture of women in riding must be likely to excite instead of preventing it - 5th The company of chaste modest & well bred women, wch polishes the manners purifies the imagination &c - Are there any medicines wch act specifically in curing this disease? Castor oil has been said to have this effect, but I believe it is useful only as far as it opens the bowels - Camphor has been much used by the monks for the same purpose - that there may be such medicines

I do not doubt. 6th When it arises from debility, the cold bath perhaps wd be proper 7th Close application to study more especially mathematics — Newton declared at his death bed that he never had indulged in venereal pleasures & had rarely felt venereal desires — 8th Not only constant study but likewise exciting an active passion or pursuit is proper — 9th Boerhaave says a fit of lust is removed by exciting a fit of laughter — 10th A salivation by diverting excitement — 11th Certain tones of music 12th Avoiding all lascivious thoughts Prints Books &c & obscene Conversation — We come next to certain phenomena of the mind — & first of

Dreaming. —

In our Physiology I mentioned that dreaming was a disease, & I hope I have sufficiently proved it such — it depends on a morbid state of the Brain — Its causes are 1st An increased

stimulus from Physical causes, as cold, heat, meconium, improper position of the head, opium, fever, full bladder, inclination to go to stool light &c — 2d Increased stimulus from mental causes as study &c — 3d By the abstraction of an habitual stimulus, as the omission of taking supper to one who is accustomed to it. Dreams are very troublesome & often render life miserable — The Remedies are 1st Vf. gentle purges, low diet when accompanied with plethora or much excitement — 2d Avoiding the causes of mental excitement in every case. 3d Labour is good — Country people who labour seldom dream — Habitual noise must be restored 4th When from weak action or a want of stimulus Opium & a supper prevent them. —

Somnambulists have been cured by depletion — They have a morbid affection of the muscles — hence they are in a profuse sweat when in one of their fits of walking

Incubus is only a higher grade

of dreaming. It is caused by many of its remote causes, by stagnation of blood in the lungs brain or heart — The Remedies are the same as for dreaming but more particularly avoid lying on the Back. —

Phantasms. —

They indicate the formation or actual existence of disease in the Brain. They are false representations of things on the eyes or ears — & depend upon motion being excited in the eye or ear, in parts not accustomed to vibrate to impressions made upon them — Like sensations in one part from impression in another. No more happens here than when pain is excited in the Urethra from a stone in the Bladder. In short — Phantasms may be considered as dreams in the waking state — Persons affected in this way fancy they see themselves or some of their friends the object supposed to be seen is never seen by two persons, but by the diseased person only

The voice supposed to be heard is heard by him alone. — These illusions consist chiefly of our names — This is because we are more accustomed to hear our names called, & consequently the part of the brain accustomed to receive those sounds is more debilitated & irritable than any other — it is to be explained in this way — Being more accustomed to hear our own names than any other, that part of the brain becomes more irritable than any other — Th^e any sound be wafted to our ears, as the trampling of Horses for instance. if the part of the brain accustomed to vibrate to that impression th^e this disease refuse to take on the usual motion, the impression wandering w^d fix on a weak part of the brain viz that w^h used to vibrate to the sound of our own name No more happens here than in Tetanus, when a slight wound made on the foot does not produce vibrations in the part — but the disease flies up & fixes on a weaker part viz —

the brain. The Remedies are Vf. Purges & low diet if there be much excitement — But if there is weak Morb: Action Tonics &c

Absence of Mind.

This is either owing to the mind being so engaged as not to attend to the impressions of secondary objects — or to a total want of ideas of any kind — this last generally attacks stupid persons, & I believe where one sensible man has it 10 stupid have it — It is generally either a mark of affection or stupidity — Mr G. Howard was said to be of a very absent mind — he was very gluttonous — was one mark of stupidity — he was a Believer in Ghosts — he has been known to carry shrimps together with fishing worms in his pockets until they have become putrid — He used frequently, when forgetting the day & passing by the Church much crowded with people on a Sunday, to walk up it with his gun on his shoulder & enquire the cause of the assemblage. A time was once appointed for his marriage — forgetting however the hour & going a fishing

We should suppose that death had
not taken place. —

1

2d long duration of warmth and want of stiffness
3d Sweat on any part of the body.
4. Discharge of urine or stools.
5 Motion in water by holding glass
before the mouth. —

he was consequently discarded. Once while fishing he fell into the river & was without much difficulty fished out —

Tis a form of derangement & is cured by Depletion, a seton in the neck, noisy company &c. When from fatuity, the treatment must be as for that disease — Lord Chesterfield says that only 3 men in the world ever had a right to be called men of absent minds. —

Trance. —

Here the whole body dies except that part of the brain in wh the mind exists. It is a lower grade of Asphyxia — The mind dwells on futurity & the world of Spirits, & when the patient comes to his senses he relates as real all what he saw. In all cases of suspended Animation, the body sh^d be kept warm, friction used fresh air applied to the Lungs, & above all interment sh^d be delayed until a considerable progress is made by putrifaction on the body. I

say considerable, because persons supposed to be dead have recovered after the Cadaverous smell has taken place & I have seen persons in the Y. Fever smell like dead bodies & recover. —

Syncope. —

Here there is a diminution or suspension of the motions of the heart & respiration, sense of labour, cold feet, weak pulse, almost & sometimes wholly imperceptible, cessation of sense & motion, cold sweat on the forehead, noise in the ears &c. In recovering fm Syncope there is sometimes a pain about the heart, anxiety, vomiting, convulsions — attend to this Gent for you will be often called in during these Convulsions. Women are more subject to it than men — It is sometimes hereditary, but does not shorten life. Its causes are general or local — The local are Aneurisms, Polypi, Dropsy, Ossification &c in wh case it is incurable. The General causes are profuse Hemorhages, great inanition,

strong passions or great emotions of mind, disagreeable sights & smells, great heat, excessive pain or its cessation, putrid or indigestible food taken into the Stomach — Cold drinks suddenly taken in a heated state of the system, sudden application of Contagion or miasmata &c.

The Remedies are recumbent posture, fresh air, few attendants, friction, stimulating odours to the nose, as volatile Salts, burnt feathers, cold water when it arises from heat, Cataplasms to the feet when from Cold Land. The exciting causes are to be avoided — When from Miasmata &c — Case of a Gent: having it 40 years at times. — To prevent a return, exercise & the cold bath, & a habit of avoiding all the exciting causes. —

Asphyxia. —

This resembles death by the absence of motion & is only a higher degree of Trance — Here the mind is gone, & there is no recollection of what passed du-

ring the fit. The operations of the mind are entirely suspended, the pulse & respiration gone — The Causes are 1st Violent emotions or passions 2d Offensive matters taken into the Stomach Case of a man riding out & returning very hungry, who went into the Kitchen & eat a large quantity of some bread not well baked, was immediately seized with Asphyxia & was to all appearances dead. His friends had to go a considerable way for a parson to obtain leave to bury him in consecrated ground so that his burial was delayed until the second day after the attack — when just as they were going to inter him, signs of life were discovered — he perfectly recovered & is now alive in this City. intense Cold. this is the case with animals torpid during the winter, immersion in Cold water, charcoal, fixed air, wine, intoxication, hanging, Contagion miasmata &c. —

The Remedies are to be suited to the causes wh produce it — When it arises from drowning, warm air shd be introduced into the lungs, frictions &c —

be used also stimulating injections, warm applications to the body &c. Why do drowned bodies first sink, then rise & float upon the surface of the water? Fear causes muscular contraction by wh the body becomes specifically heavier than the water & consequently sinks in it. So long as this spasmodic contraction continues, there is a capacity of life. But as soon as the contraction is over, it becomes specifically lighter & consequently floats on the surface. A very intelligent Housekeeper in this City told me that she never cooked fowls after she had killed them, until the anus became open, that it sometimes happened that the sphincter ani remained contracted some days after, & if they were cooked in this situation, their meat was tough, but if they were cooked after it was released, the meat was always tender & tate much better. The stimuli applied to revive them shd be greater or lesser according to the efforts made by the person to save himself fm drowning

If great exertions were made strong stimuli sh^d be used – they sh^d likewise be strong if the body has been a long time under water – when fm cold, heat sh^d be applied gradually beginning at 40, then 50 & lastly 96 degrees – when fm violent passions or offensive matters taken into the stomach, strong stimuli applied to the skin to raise a Counteraction as boiling water to the head &c – When fm Contagion, fresh air, from drunkenness, cold water – Sounds are proper life sometimes lingers longest on the ears. The stimuli sh^d particularly be applied to parts that are exquisitely sensible – as the soles of the feet, nose, lips, pudenda &c – Case of a lady apparently dead & about to be interred – when her lap dog jumped on the coffin & licked her lips as usual w^h excited her system into motion – she was taken out & recovered. Dropping water on the upper lip, titillating the nose with a feather – When fm great oppression of the system – V.S. is proper as soon as the system begins to react, because the

(c) In which are included the moral faculty properly so called conscience and sense of deity

reaction is often so great as to kill — When from lightning, by effusion of cold water fr. buckets.

The Signs of Death are a Clammyness upon the skin, an Alkaline Odor — But the most unequivocal sign is a relaxation of the Sphincter Ani or Vesicæ. ——

Diseases of the Moral Faculties. (c)

I have included these among the diseases of the Mind & have treated of them in an Oration delivered before the Medical Society — See the 2d Vol: of my Inquiries —. But in addition to that, I will make a few remarks here. I once knew 3 cases in wh the moral faculties were very much diseased — One was a boy who had the Epilepsy, who had no good quality whatever altho' his memory was still unimpaired — If he could do nothing worse, he wd frequently at night make a noise to disturb the family — The second was a young man in Virginia who had the Hypo-

chondriacs at first wh afterwards changed to a disease of the Moral faculties. — The third was a young Lady of this place who thot of nothing but mischief — Cutting & tearing her clothes &c. Her father finding her to be less mischevous when employed, used to mix pins of various sizes together & give them to her to divide. I have taught vice to be a disease — Every vice has its specific Physical or Metaphysical remedy — Are diseases brot on by predisposing debility of the Body? So is vice debility of the mind. — Are diseases produced by contagion on the body? So is vice by the infection of bad company. Does debility predispose the Body to disease? So does idleness wh directly debilitates the mind inviting vice. Bergman admirably says that an idle Brain is the devil's workshop. Does disease of body exist in different degrees of morb: excitem.t? So does vice of different degrees of Morb: action in the mind. Do the highest degrees of Morb: action in the Body require copious depletion? So the

the highest degree of vice require a greater abstraction of stimuli producing it. Do we overcome morbid action in one part of the body, by exciting action in a part less vital? So we overcome vice by exciting a counterpassion - Thus Avarice is cured by ambition. Do we accommodate stimuli to excitability in the cure of the diseases of the body? So in diseases of the mind we accommodate Moral remedies to the state of the system. Is there a reduction or expenditure of excitement in the body by the long continuance of the disease, so that no stimuli will act? So the mind becomes insensible, seared as it were with a red hot iron by the long indulgence of vicious habits. I shall only add that whatever Physical influence may do - yet in vain shall we attempt to cure this disease by the axe or the halter. Forgiveness alone when aided by Religion & Morals can effect a cure. The Venereal disease has become less frequent, since pity & forgiveness have taken the place of rigor & punish-

ment. Capital punishments will not reclaim the world from vice. Solitude without employment is of all other punishments the most severe & insupportable — Capital punishments will be found at some future day improper. — Mr — supports my opinion, he says that we have tried more to recall reason than an erring heart

Absence of the Passions

Sometimes there is a deficiency & even a total suspension of these. The patient neither loves or hates, & is alike insensible to pleasure & to pain There was a man in this City often in this situation, who said he wd not move out of his chair to save the lives of his wife & all his children.

The Remedies for this torpid state of the Passions must be suited to the state of the system: Tonics, Cold bath, pain, exercise, & a Salivation are proper. Case of a Lady from Virginia who drowned her child, but by being

salivated acknowledged, & ever after was very much attached to it. —

Here then Gent: we conclude our history of the operations & diseases of the human mind I feel as if I had just descended from an Air Balloon flight in the regions of the Atmosphere, whether I have again reached the ground with a sound body or bruised & fractured limbs, I leave Gent: to your determination. Should you find me shattered & bruised, ascribe it to my having traversed an unknown & previously unexplored region, without a Compass to point my course or a Star to guide my way. The Subject it must be confessed is new & difficult, yet highly important to the Physician as it enables him to defeat the evils of Mortality — & interesting to mankind as it affords them an alleviation of their Calamities. There is nothing in this doctrine repugnant to the immateriality of the soul. Its powers of action while in the Body I only contend are caused by motions of the brain, how it

may be after death we are unable to determine This doctrine is however alike true whether our soul enters into another state immediately, or whether not for a thousand years - that time to the mind is no more than a Minute. —

Chapter IIId

Of General diseases as they appear chiefly in the Lymphatic System. —

Venereal Disease

I believe to be an Ancient one, coeval with the enjoyment of venereal pleasures - I think Gonorrhoa & Syphilis to be different grades of the same disease. — It was formerly the custom to treat the unfortunate objects of this complaint with cruelty & contempt — but since they have been better attended to, the disease has become much less dangerous & mortal. Dr Sydenham says with great justice & humanity that it is the prerogative of God to chastise vice, but it is the duty of Man to alleviate the sufferings

of his fellow creatures. There is but one way to eradicate this disease completely from human society, & that is by treating the objects of it with all possible lenity that they may apply early for medical relief. There is no place in the world where Mortality from this disease is so rare as in London owing to the humanity those are treated with who become the objects of it. & no where is it so common as in Nauvaille where they are but little attended to, & considered as the outcasts of society. where this is the case, patients fail to apply for relief until the disease becomes almost or quite beyond the reach of medicine. The venereal disease is even now too much neglected. humanity here does real good to society. —

Gonorrhoea is divided into Gonorrhoea benigna & virulenta, or Gonorrhoea originally acquired & Gonorrhoea from infection. The first is brought on 1st By difficult coition 2d By bruises on the Glans Penis 3d from the Gout. Dr J Clark mentions a case from this

cause. Savage mentions another & I have seen 2 cases from this city from that cause. Lavoisier mentions Gonorrhoea prodagrica. It may be distinguished from Gonorrhoea virulenta by filaments in the urine, & when dry by a pellucid cake. 4th By acrid matters in the urethra. 5th Suspension of intermittent fevers with wh it often alternates 6th Long absence from venereal enjoyments 7th Debility from old age. 8th In children from teething 9th Hard labour. 10th Ovariem. Lastly there is a discharge not the Gleet, but resembling it very much it is a catarrh of the neck of the bladder. It is often confounded with other diseases, as a discharge from the prostrate gland, an emission of semen, this is known by hardening. —

2d Gonorrhoea Virulenta. Tis of great consequence to distinguish this from the foregoing. It may be communicated 1st By coition. 2d By a tainted bed. 3d using infected necessaries. 4th Small clothes, such as are used in the disease or when it was first taken will often communicate

it also by the matter applied to a sore in any part of the body — the blood is injured by it, this is proved by new born children being affected by it, in consequence of the mother having it while pregnant. The usual time for the disease to appear after being taken, is from 3 to 12 days, many writers say a much longer time — there have been many wonderful accts of its being dormant in the system many years — but in such cases I suspect it is not of the virulent kind. Dr Jones says it sometimes lies 10 years. When it appears in a simple state, it is easily cured by diluting drinks, as flaxseed tea &c — Mercurial injections, barley water, milk & water &c — ℥ij of Mercurial Ointmt without turpentine — the Yolk of an Egg, Gum Arabic & water make a very good formula for cold weather & ℈j of Calomel in ℥v of water for summer. But there are sometimes troublesome symptoms as 1st Chancres wch may be removed by dry lint, red precipitate, powder of savin, lunar caustic &c &c — 2°

2° Swelled Testicles - to be treated with local V.S. as leeches, suspensory bandages, rest, cold applications &c - If these symptoms th^d run very high V.S. will be proper -

3° Buboes They arise from an irritation produced in the urethra by the virus, or from a translation of it to the inguinal glands w^h alone do not sympathize with the part affected - These like Scrofulous tumours th^d not be opened by the knife or caustic w^h last is better than the first, but an opening by nature is preferable to either.

4° Opthalmia from sympathy with the affected part

5° Stictures in the Urethra - these shew great connection with every part of the system. They sometimes produce intermittent fevers. They are cured by bougies, gentle purges, mercurial ointment rubbed above or below the swelled parts, electricity, cold water & vomits, but if they shew a tendency to suppuration, lenient cataplasms th^d be used, the best of w^h I know is, the following - ℞ 1/2 pint strong beer - 1 gill of lie

as much bread as will make it into a poultice & a little hogs lard with wh the part shd be left to open itself —

6th Phymosis this is prevented by keeping the part under the prepuce clean — Cutting it is frequently necessary, wh if neglected grows to the glans penis —

7th Paraphymosis — this is prevented or relieved by cold water or ice, lead water & the taxis — you shd always perform the taxis yourself, for the patients are apt to neglect it, & then an operation is often necessary to prevent mortification

8th Chordee — in this case a full bladder shd be avoided, by ejecting the urine as soon as the patient feels it sleeping in tight drawers & opium at night —

9th Gleet — this sometimes arises from weakness or from an ulcer — if from the first, balsams, bark & chalybeates, cold bath, astringent injections, Porter, wine & water injected &c but one of the most powerful injections in Gleet is the following —

℞ Sacch: Sat: - - 10 gr
Murias Hydrargyri - 1 gr
Spt Comm Cervi - 20 gtts } M injice bis die
Aqua Fontan: - - 4 ℥. —

This acts by exciting a new inflammat^n in the Urethra. It was the remedy of a Quack in North Carolina who engrossed for a while all the practice in consequence of his success in curing gleets — Calomel a gr every ~~day~~ night — Mr Hunter recommends fresh infection — but Gent: I can recommend Matrimony as a never failing cure Sometimes there is a discharge of semen in Sleep, the Gonorrhoa Dormentia — To prevent this avoid sleeping on the Back, use Tonics & a gentle salivation, but above all Matrimony. Sometimes there is a dry Gonorrhoa in w^h there is a burning in the urethra without any discharge, in consequence of the excitement being beyond the secreting point — The remedies are V.S. Purges &c

Catarrh of the Bladder is cured by medicines acting on the neck of that organ, as Balsa-

nics, tinct of Cantharides &c There have been many disputes whether the Gonorrhoea & Lues be the same disease or no. I believe they are only different grades of the same disease. In the latter stages the matter is retained in the System & affects the nose mouth Throat Skin &c with ulcers &c. The acrimony of the matter is much increased by retention - It affects all the Cones not well defended by muscles —

The Remedies are Mercury externally & internally, mercurial Ointment after first bathing the part to wh it is to be applied - The Quick silver pill, that is Mercury triturated with soap is the best as it seldom or never purges, & secrecy being often necessary, & by it more mercury can be taken without salivating, but as there is little difference in all the preparations of Mercury they may be used in succession —

Warts if they arise shd be extirpated & dressed with red precipitate - Sometimes they must be

cut 3 or 4 times before they can be subdued. —
For Nodes, Gum Guiac. shd be given —
The Remedies shd be accommodated to the state of the System. Mercury shd not be given in a debilitated or irritable state of the System without being accommodated with local & generous diet. The reason why we see some people still retaining the Venereal disease after having gone fm place to place & applied to half a dozen Physicians or more, is that nothing but mercury in all its various forms has been used Opium sometimes does good by raising the System to the proper Mercurial point, or when the ulcers continue fm a wrong action it does good. It does this I mean when the Venereal virus is eradicated, for until it is removed, opium can be of no possible service. The Nitric acid has been much recommended in this disease, but I have had no experience with it. Sometimes the Venereal disease is combined with Itch, Scurvy gout, Rheumatism &c and the remedies shd be directed to these also, but mercury shd not be used

used in Scurvy until its worst symptoms are removed. Gout & Hypochondriasis is often mistaken for Gonorrhea — Hypochondriasis counterfeits every form of venereal disease — here we shd imitate Mr Hawkins & tell the patient he had the very worst sort of pox viz the noddle pox. No medicine shd be given if we persuade the person he has not the disease. Sometimes these persons complain even of pain in the nose legs &c from it — Case of a man who applied with a sore wch he ascribed to the venereal disease wch he caught many years before. I told him it was impossible to be the effect of that, but was unable to convince him of the contrary. I asked him, knowing his answer, whether he had any pain in the nose, legs &c wch were necessary to its being owing to this cause — he told me no, that he was perfectly sound in all other parts. I gave him no satisfaction, & in a few days he returned declaring he was undone, ruined &c for that he had now all the symp.

tons I had described to him. In judging of the cause of any appearance it is attributed to a recent venereal disease, the length of time, nature of the affection &c shd be considered. When Rheumatism is combined with it, treat it as such viz, with Vj Purges, Low diet & Mercury.

Cancers

These are generally seated on the glands, tho' at times in many other external & internal parts of the body. They are generally preceded by tumours. Schirri sometimes run into cancers. In men they are most common in the face fm the many changes of the Atmosphere upon them, the irritation fm washing &c. Tumors in the face are often converted into cancers fm these causes. In women they are most common in the breasts & uterus. They are most dangerous when on the lips, on acct of their connection with the glands of the throat &c. In the breast when it reaches the arm pit, & when in the

It affects the secretory glands more than the excretory

Vagina & Ovaria it is generally fatal, but when in the glans penis & other muscular parts, it is easily cured. They seldom attack until the 45th year of life. Recollect here what was formerly said of the acid nature of the fluids in old age. The urine sweat & tears are acid. It is owing to this that sores in old people are so hard to cure & frequently become Cancerous. They are more common in cold than in warm climates, but there are some exceptions to this. Baron Humboldt told me that cancers were endemic in Sierra & only in the Uterus. Pain sometimes accompanies them, & is a sign of them, tho' not always, for I have known a tumour occasioning considerable pain not end in Cancer, & I have known the worst of Cancers not attended with pain. You see then that no Pathognomic or Diagnostic signs can be given even in this disease. No disease has them & it is of consequence to divest ourselves of their influence altogether. The Pains when they appear

are not constant but lancinating, & often cannot be distinguished from Rheumatism. The Remote & Exciting Causes are Schirrus suppressed menses, or habitual discharge, Piles, repelled eruptions, irritations on any part of the body by pressure &c. I knew a man who caused a cancer in the forehead, by continually pinching the skin of it to cure a troublesome head ache. Neglected or vitiated sores – a Case of Cancer in Northumberland County in consequence of a sore on the lip being continually irritated by the stem of a pipe in smoking. Bruises, most of the cancers on the breasts of women I believe occur from this cause. Sores wh are dreaded & excite alarm & uneasiness are apt to end in Cancers; for the mind seems to determine irritability to the part of wh it thinks most – Scrofulous ulcers often produce them. The matter formed & discharged from Cancers, is of the most active & corrosive nature. A man caught a cancer by kissing a Lady who had a running one on her lip. We see this acrimony

in a decayed tooth, the matter there formed is sometimes so powerful as to corrode gold and silver pivots. Much has been said against the evil of pain, but did it oftener occur in this disease than it does the patient wd be compelled to seek for early relief, & the disease wd consequently become less dangerous & fatal. — The absence of pain in this disease is however to be supplied by the vigilence of the patient & Physician, who shd remove every tumour frm the face & that might probably end in Cancer Pain has been sometimes said to be a symptom or precursor of diseases, were it so we shd have less occassion for attending to Consumptions & Tumours shd be more especially removed when on the Breasts or Lips. Cancerous tumours have been called by Physicians "Cut me out" When they are on muscular parts of the body, they may be removed by caustics, but when on glandular parts, the Knife shd always be used. When on muscular parts, the Caustics are Salt & Spirits,

pink root or juice, powder of Savin, Indian turnip - fasting spittle, this in the morning is possessed of considerable activity - When the tumors are more alarming, & still in the muscles, Lunar caustic, caustic alkali &c - but above all Arsenic - as it is very strong & most manageable. It is the basis of Martin's Cancer powder & he cured more cancers than almost any other man - it does not eat the sound parts. It is applied by dipping a wet probe on the powder of Arsenic, & then applying it to the part, or by solution of it. When ulceration has taken place, the knife is seldom successful, the cancer generally breaks out in some other part of the body - But is a patient here to be abandoned by his Physician? By no means - Small & frequent V.S. - a salivation, & a low diet shd be resorted to. Bleeding: shd be performed by cups & leeches, & the state of the pulse & system shd regulate the degree. When the whole system is affected with a cancerous diathesis, the fol-

low^d remedies are proper. 1st Milk & veget=able diet. this has performed many cures. 2d Certain Narcotic substances, as Opium, Hemlock, Belladona, &c these have never cured, but pal=liated only. 3d Small & frequent V.S. when there is pain, or when the pulse indicates a general affection of the system with too great morbid action, but when the pulse is weak & the sore without inflammation, tonics, as Bark &c ought be used. As the mind has so great an influ=ence in the cure or contrary of this disease, also diverting pursuits ought also be recom=mended. I think I have often prevented them in their forming state by the foregoing reme=dies. There is no necessity in a single case for the Physician to pronounce to his patient that his disease is confirmed Cancer because it will produce debility of body & mind, consequently counteract the intention of our medicine. He ought only say (if it were so) that it had a bet=ter appearance, but if not attended to might

probably end in Cancer. I shall now make a few remarks wh may perhaps lead some of you to a more successful treatment of this dreadful disease than any hitherto tried. —

1st I have always observed that diseases wh are seated most exclusively in the nervous system take the strongest hold & are the hardest to eradicate, as Epilepsy, Hysteria &c —

2d We know that cutting the nerves of the stomach soon impairs digestion &c — &

3° As the mind acts only thro' the medium of the nerves, dividing the nerves leading to the Cancerous tumour, may prevent the ill effects of the mind upon it wh is often very great

4th Pain does not always attend them. May we not conclude that cancers are seated primarily in the nerves, & hence be led to use Asafoetida, Electricity &c

5th Cancers occur chiefly in parts abounding in nerves —

Rickets. —

These are attended with a large head & knees. Knees projecting forwards, tumid belly, swelled joints. They succeed intermittents, & Pox, & Measles — There is generally a wasting of the whole body — Deformity by them induced Charles 2d to wear boots. Is a misplaced state of fever carried to the bones — The urine contains more earth than natural. The predisposing cause is said to be making the child walk too soon, but the contrary of this is true — It has also been said to be owing to a deficiency of oil in the bones —

The Remedies are V.S. & other depleting means when attended with great mob: action. If weak mob: action, Chalybeates, bark, change of climate — Fish oil is said to cure it by unction in Scotland — how does this act? whether by preventing the perspiration of the oily matter wh ought to go to the nourishment of the bones, or by being absorbed itself & answering this purpose?

+ Sacs secreting serum. —

I am unable to answer these Questions — I never had but one case of this disease. —

Chapter IV th

Of General diseases as they appear chiefly on the skin

These are important to attend to 1st Because they are connected with the state of the whole system 2d Because they are distressing to the patient as well as offensive to all around him. —

I shall consider these as different grades of the same disease & consequently an unit as much as fever. — The remote causes are 1st Too great or too little excitement in the Bloodvessels — 2d Vitiated state of the fluids — 3d Vitiated state of the Stomach or Alimentary Canal 4th Sometimes it is unconnected with any diseases of a part or the whole of the system. The Proximate Cause is morb: action in the Cutaneous vessels & sebaceous glands — When they affect the skin they cause 1st Efflorescences — 2d Bores producing secreted matter wh causes scabs — 3d Schirri

The Remedies are to be accommodated to the causes wh produce them — First see whether they alternate with any general disease as Gout &c — They have been cured both by vegetable & animal diet. In Plethoric habits depletion shd be used — In debilitated habits, a decoction of the Eupatorium Perfoliatum is very good & has done wonders, oil & wine — Arsenic from 1/16 to 1/10 gr for a dose — But above all, a Salivation. If the cutaneous disease succeeds one that has been of long continuance, & situated in important or dangerous parts, it (the cutaneous disease) shd be approached with a timid & gentle hand. A breaking out in the faces of children will often yield to a Solution of Sacch: Saturni, but the consequence is sometimes worse that the disease. I have seen 100 cases of Hydrocephalus Internus brot on by these repelled eruptions. I once heard of deaths being brot on by a Quack's curing the tetter upon the finger of a child. Ulcers behind the ears may be cured with safety, provided a

(a) warm water

seton, Purges or low diet be substituted in their place. Cutaneous diseases in old people sh^d not be cured — If they arise fm a morbid acidity in the Stomach, remove it by an Emetic, chalks, Alkalies & the usual remedies for Dyspepsia — even Elixir vitriol will remove it when others fail. When these eruptions are fm a vitiated state of the fluids, as fm the venereal Disease Scurvy &c, let the remedies be to suit them. — The system is sometimes generally affected by the bite of insects & Musquetoes, & sh^d not therefore be neglected. When there is great morb: action in the Bloodvessels, the following remedies have been found beneficial. 1° Cold water (a) 2° Lead water — 3° Sweet oil & milk — When there is weak morb: action, the saliva of a dog, salt water, pressure, tar & hogslard, equal parts, unguent Citrinum. Hayslinoods ointm^t as follows — ℞ Alum & Nitric acid a.a. ℥j Sulphur ℥ij hogslard q.s. M^t — unguent Saturni — an ointm^t made of Hogslard & vitriolic acid — a

(b) A solution of Opium in water used with advantage

10 gr. of Corros: Sublim: dissolved in ℥iv of water — the powder of Calomel applied with a knife. During the use of any of these, Purges & low diet shd be used, at least 2 doses of Purging med: a week — When these fail, remove the cuticle, & promote a discharge by blisters or the Arsenical solution. — We will now proceed to speak of some of those cutaneous diseases wh require a specific treatment. —

Prickly heat shd not be removed

Prurigo. This is either a general or local affection. It is a distressing & partial itching & affects the Vagina, Glans, Penis, palms of the hands, soles of the feet &c

The Remedies are warm & cold water, lead water Ung: Citrin — V.S. general & local, mercurial Ointmt. — Itching in the Anus when a symptom of Gout shd not be removed. Death has followed the removal of it — I have used a decoction of the C: Quercus with efficacy. (b)

Herpes.

This is cured by all the Remedies used both general & local. I have known it to go away by moving from the City to the Country. All the cutaneous diseases are sometimes cured by fever.

Ring Worm.

This is produced by an egg deposited by an insect, & it possesses locomotive powers. Whole Regiments of Soldiers have been affected with it at once.

The Remedies are Ink, a little gunpowder with water, & diluted Vitriolic or Nitrous acid. It is most common in the Eastern Countries & leaves depressions according to Volney.

Itch.

This is mild here when compared to its grade in some other countries. It is worse in the North of Europe, & milder in the West Indies than here.

The Remedies are Sulphur, dry or moist, a shirt boiled in water with Sulphur & then worn is excellent. Mercurial Ointment. We sh^d persevere in the use of these remedies even after the disease has disappeared. But before you begin

(c) It is produced by lice and unclean linen

to cure the Itch enquire if the Patient has been relieved of any other disease by it, as Hypochondriasis &c or any internal disease. — If so it is better to bear the small malady, than suffer a return of the greater. —

Tenia Capitis. (c)

This affects children chiefly. — The Remedies are general & local. The first are Purges, low diet &c. The latter are shaving the head, applying the ointment unguent citrin, or wash the head with soap & water & then apply a Cataplasm of charcoal & water. I have cured 2 cases with this, one in one night & the other in 3 days. I have substituted an alkaline powder wh I think preferable, & with wh I have cured many very obstinate cases. —

The Formula is as follows — ℞ Chalk ℥i Salt Tart ℥ij Mix & apply to the head mixed with Hogs lard, or moistened with water. It is often produced by uncleanliness, lice, dandriff — neglect to wash the head &c Dr Riverius cured a Scrofulous ulcer on the neck by putting lice in

× that is – its unity'

the patients head, & thereby creating a new discharge

Pediculous or Lousy Disease. –

This disease is the effect of uncleanliness. It occupies the regions of the arm pits, pubes &c.

The remedies are a decoction of Tobacco, Solution of Corros: Sublim: & tinct Larkspur with spirits. This last is much used in London. –

Ulcers. –

These belong likewise to the diseases of the skin. I have but little to add to what I have said in the 2d Vol: of my Inquiries. I have been much more successful since I have treated them according to my principles of the theory of disease. I shall however add a few remedies 1st A sticking plaister all over the ulcer – 2d a Decoction of Walnut leaves, or Tobacco, Digitalis holding a hot iron near them – Pledgets dipt in a decoction of Bark – Dirty wool burnt under the sore, washing it in lime water, Salt dissolved in urine cured Dr Boerhaave of a bad ulcer of 5 years standing. Fermented foul-

tices, change of climate &c. Dr Clayhorn says that sores heal with difficulty in the island of Minorca, especially in wet weather. Cold and wet weather affect the ulcers in the P. Hospital An easy state of the mind is of great importance in the cure of old ulcers

Burns.

These shd be treated as other local diseases, when they bring the system into sympathy, V.S. Purge Low diet, Cold water, lead water &c. I have found Stramonium Ointment of little service. Oil of turpentine is much recommended & may be useful in recent burns only. —

Chapter Vth

Of Local Diseases & Disorders as they appear in the Blood &c &c. & first in the

Blood.

This was once thought to be the source of all diseases. The supposed viscidity of the blood is owing to slow Coagulation. Putrefaction cannot

take place in the blood while it circulates — The different colours of the blood is owing to ~~the~~ oxygen & bile - These colours are green, black, red, & yellow. The red colour is owing to oxygen, the others to an absorption of bile

The Remedies are to be suited to the causes of the disease - The Black colour is owing to a stagnation of bile & the absorption of it Tonics or depletion may be used as occasion may require

In the Secreted Fluids. -

These secretions of the body are liable to changes in quantity, quality &c The Remedies are deluting drinks when too viscid & acrid &c —

On the Skin & Hair. The black

colour of the Negroes was probably owing at first to a Leprosy contracted in Africa & transmitted from one generation to another over every part of the world. The Hair is liable to fall out & split this is owing to a cessation of growth, & may be prevented by cutting off the ends & washing the head in Spirits & water. —

In the Features of the Face.

Deformity is a disorder, It is owing to irregular growth of flesh or bone; in the beginning it may be cured, but when of long continuance is incurable. It is Reason & Religion that give Dignity to the human Countenance. Indians & Negroes have vacant countenances for the want of them

In the Cellular Membrane.

These are owing to water, Halitus & air. Water in Dropsy, Halitus in Hysteria & great debility of the system. & Air occurs from wounds or fracture in the Pleura. Both of the last are cured by pressure. Halitus is cured by pressure & Tonics & Air by pressure & frictions. —

In the Organs of Speech, Trachea, Lungs, Liver, Spleen, Omentum — Kidneys & Urinary Bladder. —

Hoarseness. —

This is caused by a debility of the muscles of the

Organs of Speech tumors in the Lungs, Calcareous matter deposited in the Trachea or Lungs. Ulcers or tophi in the Trachea, dryness of the Trachea — this is sometimes a symptom of Catarrh & often independant of it — It sometimes alternates with head ache, goes off in warm weather & returns in Cold, it is greater in Cold & is occasioned by the suppression of perspiration & is quick in its appearance. I have seen it the only symptom of Yellow Fever. —

The Remedies are, if from tumors, emetics, or opening them — If from tophi or Ulcers a salivation. When from Cold, or alternating with other diseases, if the pulse be active V.S. When from a want of tone in the Trachea, tonics, vapours of hot water, vinegar, emollient drinks lozenges blisters &c If all these fail, a salivation. —

Paraphonia, or a Whispering

This may arise from a weakness in the glottis & tumours in the trachea. It occurs after fevers Catarrhs &c — and from a Paralysis of the lungs — & I

have known it to succeed Typhus Fever, when it was curable

The Remedies are Blisters, a Salivation & Squeaking voice arises from a diminution of the cavity of the Glottis & perhaps of the Trachea, & is cured by a Salivation. —

Aphonia, or a total absence of Speech. — This arises from a Paralysis of the muscles of the larynx & Glottis & is cured by Blisters — Electricity & a Salivation. —

Stuttering. — This is Congenial or acquired. This is a Convulsive motion of the Larynx, tongue & lips. It is sometimes suspended in diseases as Intermittent & Remittent fevers. It is Gutteral, Lingual & labial. The chief indication seems to be to give tone to the organs affected. It may be cured by learning to sing & speak very slowly. It is sometimes induced by terror — I have once seen it hereditary — When it is in the Glottis what wd be the effect of hallowing in imitation of Demosthenes

or of Electricity? When, lingual only, what wd be the effect of pebbles, When labial, what wd be the effect of gently irritating substances. — & a Salivation for all

Tracheal Gleet.

This is a preternatural Secretion & excretion fm the Trachea. It is sometimes very offensive to the Smell & Taste & predisposes to Consumptn. —

The Remedies are Tonics. I have known it to discharge externally — Could not a similar Artificial discharge be made in an alarming or troublesome disease?

The **Lungs**. — They are affected fm a disproportion to the size of the Thorax producing Dyspepsia & fm irritability, producing Asthma. —

We come now to an important & Difficult part of our Course viz the diseases of the Urinary Organs. I shall attempt a new Theory on this subject — but shall deliver facts in support of it. —

Gravel & Suppression of Urine

Suppression of urine is frequently owing to a Stone Calculus &c in the bladder I shall therefore mention how they are formed There is always originally in us a calcareous matter, & it is owing to a superabundance of this, or to a decomposition of it that calculus is formed. One stone of 24 ℔ was taken fm a man. This Calcareous diathesis is present in all animals, as dogs, cats, sheep, horses, hogs &c But these animals suffer less fm their horizontal posture Some nations are more subject to it than others. Stone & Calculi are not found in the bladder & kidnies only, but likewise in the Viscera, more especially the lungs, also in the bones, joints, saliva wax, semen, & even the discharge by the skin. Women are less subject to it than men fm a short urethra, & fm small Calculi passing with the urine thro' the urethra in them more readily than in Males. This disease is more common in early than in middle life.

Some waters produce it more than others, those depositing most earthy matter being most likely to produce it – But to this there are some exceptions, as in S. Carolina & Jamaica. Well water more than running water is the cause of this disease – Some drinks are more favourable for producing it than others. Malt liquors have been accused of producing it – Abounding in acid they certainly have a tendency to produce Calculus. The Nucleus on wh. Stones are formed are of various kinds – they consist most frequently of different component particles of the Blood. It is often hereditary. The remote causes, are pus, mucus, extraneous matter, abrasions of the mucus of the bladder. It is excited by exercises hard riding, long standing wh. weakens the kidnies –

A decomposition of Calculi takes place 1st. From a too long retention of the urine after the bladder is full. Dr Franklin ascribed the beginning of his complaint to this cause. Indigestion – Sedentary life – Clergymen, Students

Students, & Schoolmasters are most subject to it. Sir I Newton died with it. Old people sometimes have it from a sedentary life —

2° Lying on the back — hence gouty people are more subject to it — 3d Imperfect, partial or slow discharge of urine from a weakness of the accelatores urinæ. The older people grow the more frequently are they necessitated to make water they shd be exhorted to discharge the contents of the bladder completely. —

When a gravel is in the kidnies, pain takes place in one or both sides, the pain extending down the thighs, a retraction of the testicles itching of the Penis, numbness of the leg, sickness & vomiting, Colic, bloody urine, suppression of urine, & a large quantity of pale do —

When in the Ureters the symptoms are nearly the same, only more acute. —

When in the Bladder a frequent desire to make water wn when passing gives great pain itching of the glans penis &c. The pain from Gravel

Jimna

is preeminent over all others in point of intensity. — The Calculi are of different matters, & they all effervesce with the nitric acid without losing any of their weight thereby. — Dr Black says that the substance of Stone is an Animal Concretion — the earth the same as of the bones. —

The Remedies are 1st such as are proper during the Paroxysm — 2d such as are proper during the Intervals. —

For the Paroxysm N.S. regulated by the pulse, vomits, injections lenient purges, particularly castor oil, liquid laud: warm bath, ovious to the pubes & perineum, diluent drinks, & when the urine is obstructed the catheter must be introduced

To Obviate a return of the Paroxysm, that class of Medicines called Lithontriptics shd be used, as caustic alkali, salt, soap, lime water, vitriolic acid — aqua neptritica (a solution of potash impregnated with with Carbonic acid) astringent vegetables as uva ursi, wild carrot, tur-

nip seed &c. They have been said to dissolve the stone, but it is not so. As tonics they obviate debility & destroy sensibility. Gout after 30 years causes no pain. So in stone after a long continuence no pain is felt. The Medicines wh have been said to cure stone have only destroyed the sensibility of the parts, & thereby suffered the stone to lie all the life afterwards in the system without pain. Cold bath to the external regions of the kidnies, if the stone be there, & friction at the same time, injecting solvents into the bladder, as lime water, saliva, gastric juice. this last was once tho't to answer, but from Dr Dorsey's Experiments we are led to hope very little from it. He found the gastric juice of Hogs to be more powerful than that of any other Animal.

Calculi in different persons, or in the same person at different times, are composed of different matters, consequently we can have no one universal solvent. Gentle exercise is proper, as working moderately in a garden, it does good

by the perspiration wh it excites - for the urine is found to contain less of the Lithic Acid when there is a great determination to the pores; hence the benefit of being in a warm climate. - Moseely relates the case of a British Officer who was severely afflicted with the stone, & was entirely cured by being in a warm climate, the West Indies, for a short time. Drinking large quantities of pure running water. When the Calculus is in the kidnies, green tea, a diet of sugar, black berry jam, or boiled sugar, avoiding all the exciting causes, as indigestible aliment, lying on the back, incomplete discharge of urine, riding in carriages over rough roads, costiveness, cold, fatigue, & all the causes of mob excitement shd be avoided. The success of medicines in this disease depends upon their being used when there is apparently the least necessity -

<u>Suppression of Urine</u> arises from the following causes - 1st From choaked kidnies, small

pox, blisters of Cantharides —

The Remedies are 1st Cold air — 2d From pressure of the adjoining parts especially the Colon, as in Colic here 1st Purges & Clysters are proper. —

Ischuria. —

This arises from causes acting — 1st Internally as Gravel or Stone — 2d From pressure of the adjoining parts — When it arises from Piles, the remedies for that disease are proper — When from obstruction of the Urethra, remove the obstruction. Sometimes there is a suppression from causes acting on the muscular fibres, as Spasms, convulsive hysteria, tetanus — Sometimes likewise from an over distention of the bladder, from neglect, when the Catheter must be used. —

The Remedies are 1st Purges, going into a cold cellar & warm bath. Sometimes it is from a Paralysis of the fibres of the neck of the bladder, & occurs in the last stage of certain fevers — The remedies are the same as in the gen-

ical disease, the Catheter must also be used

When fm Partial Causes, it is of a Chronic Nature & requires powerful Stimulants, as Opium, tinct. of Cantharides, Warm & cold bath electricity - Salivation - If all these fail, tapping above the Pubes must be resorted to It sometimes arises fm obstructions in the Urethra wh is cured by filling the bladder with water & then discharging it with force - When fm the use of Cantharides in Blisters &c Demulcent drinks, 30 drops of Laud: & a gill of Spirits acts like a charm.

The Liver, Spleen, Lungs &c I shall say nothing, having spoken of these under the heads of the Hepatic, Pleuritic, Splenetic &c States of fever. —

In the Heart & Bloodvessels.

The heart is subject to Spasm, Palpitation Polypi &c. The two first only are in the reach of medicine. Spasm may be known by a slow

pulse & is cured by V.S. – Palpitation by small & frequent bleedings, Purges, low diet &c. The Arteries are subject to ossification, Aneurism & Polypi. The veins to varices &c. are common on the legs. The Chinese are most subject to them from lifting heavy weights. –

In the Nerves & Brain. –

I have called the excess of sensibility, super-sensation, & the excess of sensibility & irritability constitutes mobility. Torpor is the absence of both. Morbid Sensibility is sometimes confined only to the sense of touch. But sometimes extends to the senses of hearing seeing, tasting & smelling. Case of a Lady from N. Carolina who was entirely relieved by a salivation. The excess of sensibility I mentioned when on fevers was a favourable Prognosis. For the chronic state of this excess of sensibility, gentle friction, cold air, salivation, exercise, & V.S. If it arise from a wounded nerve, destroy it with a

knife or Caustic. Morbid excess of sensibility discovers itself by sudden starting in sleep, & Convulsions from the least touch &c. I once attended a Lady with it who was almost convulsed simply by my feeling her pulse — but this case yielded to V.S. & Salivation. In this irritable state of the System there is generally little sensibility — I have known it to be relieved by Rheumatism — this suggests the propriety of giving pain to relieve it. Mobility is seen in Hysteria Epilepsy &c Van Swieten's Bandage shd not be neglected, also cold bath & exercise. Torpor is produced by heat cold & Narcotics. —

<u>The Remedies</u> are to be accommodated to its causes — If from heat, Cold is proper & vice versa. Torpor appears by the languid motion of the muscles, coldness of the skin &c And for the acute form V.S. Purges — & for the Chronic, the hot bath & a salivation, also exercise. Defect of sensibility & irritability appears in Typhus state of fever & hence patients often burn their feet &c

without being sensible of it. It appears chiefly in Atonic Madness & Fatuity. — The remedies are the same as for those diseases — viz hot & cold Bath — Mercury, pain &c &c

In the Senses. & first of the eyes —

Squinting. —

This is owing to a weakness of some of the muscles of one or both of the eyes —

The Remedies are placing the child before a looking glass, & making it view both of its eyes reflected from it — This shd be done at least twice a day — 2° viewing small objects — 3° Barnacles or Spectacles confined over the eyes so as to direct the pupil in a proper direction 4th Gentle stimulating applications — 5th Avoiding to view objects sideways or upwards. There is sometimes a defect of sight at the ordinary distance at wh objects are viewed — those who have it are called Myopes. Those with it see better in the dark than others. It depends

Pol. [illegible]
non vegi[illegible]
pol. clipida

upon too great a Convexity of the Crystalline lens. a depending situation of the head favours it. The remedy is Concave glasses suited to the convexity of the lens. There is another preter-natural defect of vision called Presbyopia, who move the objects from them when they wish to see well. It is owing to a too great flatness of the Crystalline lens. It is the first symp-tom of declining age & vision. The remedy is Convex glasses suited to the flatness of the lens.

Gutta Serena.

This is either Partial or General & arises from a compression of the Optic Nerve & Palsy of the retina. Hallooing, Coughing, intense light, Apoplexy, Lues Venerea &c will all pro-duce it. The Remedies are V.S. Cupping Purges, Vomits Low diet Seton in the neck enemas, electricity, Salivation &c Some re-commend Vapour of hot Coffee & Spt. of wine Sometimes it seems for a considerable time in

one eye without the Patients knowing it. It may however be known by the Patients not being able to thread a needle, or snuff a candle as he ought. When recent it is easily cured. I will now give a few directions for preserving their eyes. 1st Avoid reading by too much light; or having it on one side or in front. it shd proceed fm behind the back & over the shoulders 2d Avoid a glare of light as fm the Sun, vivid fires, melted metals, snow &c — There are many cases of blindness fm each of the above causes Horses often have their eyes injured by coming out of a dark stable into the snow. 3d Avoid reading too small print, or the same print a length of time. When you have seen the pupils of the eyes recoil at a long confinement to one object — the same as the leg by long standing on it. The most easy posture at first will become painful by continuance. 4th Avoid pressing the eyes when washing the face. 5th Use Spectacles as soon as the eyesight begins to fail. Lastly let

not the eye be placed so that it will be long in one position to view objects & that the muscles may not be strained - Looking up as when reading in bed, & down as when by the fire is very unfavourable, because it strains the Muscles. -

Deafness. -

This brings on langour low spirits &c and sometimes impairs the intellectual faculties. The langour sometimes diffuses itself over the whole countenance - Its Causes are general or Local The general causes act on the whole system as 1st Cold on the head after heat 2d Catarrh obstructs the Eustachian tube 3d Repelled Eruptions as old ulcers. 4th Stoppage of the usual evacuations 5th Certain diseases of the Stomach & bowels, as Costiveness &c 6th Intoxication & a Salivation. The Local causes, are larger quantities are larger quantities of wax in the ear than natural - tumours obstructing the meatus auditorices - Swelling of the parotid glands relaxation of the drum of the ear. Deafness is not uniformly

from this last cause - Palsy of the auditory nerve hence in old age we die of a universal Palsy This Palsy shews itself - 1st In the eyes, then in the sphincter of the bladder - The Alimentary Canal by costiveness - then in the ears &c &c - till at length the muscles of the whole body are affected - Certain extraneous matter getting or falling into the ears, as insects fruit stones &c Preternatural dryness about the parts of the ear & the eustachian tube is likewise a cause. —

The Remedies are to be accommodated to the causes, & first of the general causes - When from inflammat^n attended with general fever, vertigo headache congestions &c &c Purges, low diet - Blisters & Emetics are proper. When from repelled eruptions, restore them, or substitute blisters seatons or issues in their stead When from diseases of the stomach & bowels, the remedies for them must be used - When from Catarrh obstructing the Eustachian tube, snuff, injections of a solution of sal: ammoniac & c &c — When from obstructed men-

ses, restore them if possible, or supply their place by bleeding. When fm Costiveness, laxatives &c. When fm insolation, the remedies to suit that are proper. When fm a salivation, the remedies wh are used to check or carry it off are proper.

When fm local causes, accommodate the prescription according to the nature of the local substances &c. An infusion of bark & Oak Galls to be injected in the ear are proper when deafness depends on a relaxed state of the parts. When wax is the cause wash it out with milk & water, or extract it with forceps. When fm tumours excision & discutient Ointmt. When fm an affection of the parotid gland the same. When fm a relaxed state of the drum of the ear tonics, stimulating injections, solution of sal ammoniac or a loud noise. Dr Johnson could hear best when sitting near a front window where he could hear the rattling noise of Drays, Carriages &c over the pavement. Holding down the head & pressing the jugular veins might probably be of service. A rupture

in the ear is incurable by art. When fm Palsy, Oil of amber, Tinct: Cantharides, common salt, electricity & Cold bath - A salivation has cured deafness when it arose fm Palsy. I have found the common salt to be the best of any thing I have used - I always advise it for deafness from Palsy & from wax. a small quantity to be thrown into the ear & a piece of Cotton at night & washed out in the morning - When fm wax, fruit stones &c extraction, Spt of wine or sweet oil. When fm dryness, common salt. —

Tinitus Aurium. —

This arises fm a convulsion of the Cover of the ear. — The Remedies as above suited to the causes. Deafness is often periodical fm moist & dry weather, to prevent it wool or Cotton shd be worn in the ears, warmth by caps & wigs shd be kept up; & the Cold bath, setons & issues made use of. Deafness may in some degree be obviated by turning the ear to the speaker or the

noise wt you wish to hear, opening the mouth when listening, pressing the ear forward & assisting it by the hand, Caustic, Acoustics, speaking thro' a tube to the person subject to deafness, letting the voice descend upon the head speaking in different tones, small sounds are heard when great ones are imperceptible. —

Smelling. —

Sometimes there is a total absence of the sense of Smelling. & sometimes it is congenital, sometimes it is induced by Catarrh, ulcers in the nose polypi & palsy. — The Remedies are to be suited to the cause. If fm Catarrh, Vf. Purges & are proper from ulcers, low diet. Citrin: Cuprum fm Palsy stimulants, Errhines, Volatiles, Vapours of vinegar &c. —

Taste. —

There is sometimes an absence of taste after the crisis of a fever. I have known a chronic case of it in a Lady. It generally goes off in a few

weeks. I once knew it to continue 6 weeks in a Lady here. There is sometimes a morbid sensibility of the taste induced in Students boarded out & confined to one aliment, by the sameness of their food, & it is sometimes hereditary. This cured by resolution. There is sometimes a bitter, sweet, saline, musty & acid taste in the mouth & proceeds from the Stomach, in wh. case vomits bitters &c. are proper. If from the salivary glands use detergent or astringent mouth water. —

Touch. —

Insensibility to heat & Cold takes place in disease & will be removed when you remove the disease itself. Touch is sometimes very acute in fevers, particularly to heat & cold as in the Consumptn. The remedy for it is resolution. To prevent the effects of the solar heat, the dress of a white Turban is used in Turkey, & the Spaniards protect their bodies from the excessive heat of summer by wearing thick coverings

A high crowned hat with a white handkerchief is proper to keep off the heat of the sun. Never stand still in summer, drink as little as possible in the forenoon. The Indians never drink till after dinner after they have been hunting. Never drink very cold water. I learnt this from an old House Carpenter. Water moderately warm always quenches thirst best. Heat may be lessened in a house by letting down the window shutters & excluding the light. The fewer & smaller the windows to a house the cooler it is. St Pauls Church is 2 degrees cooler than any house in the City of London in summer. Sleeping on Mattrasses instead of beds in summer, sitting as still as possible when we have nothing to do. When a disease takes place from the heat of the sun, bleed for indirect debility, but take care the system is not prostrated below the point of reaction. Also use the pediluvia & warm bath. The former stimulates & creates a new action. Cold air we may defend ourselves from by stimulants to the nose, mouth.

& feet – To prevent its morbid effects a full fermented & distilled liquors. But above all a draught of Strong Coffee taken just before going out, protecting the feet by putting socks over the boots or shoes; when riding, putting tow or wool around the stirrup irons. Shoes or Boots allowing most motion to the feet are best – Washing the feet in cold water every morning winter & summer, serves very well to defend them from cold. I knew a man who did this every morn^g & had excellent health thereby – Protecting the hands with Gloves, the ears by caps of wool & the whole body by thick clothes. Avoid sitting by the fire in weather not very cold. When a part is frost bitten, at the^d first be put in cold water & then brought by degrees to Animal heat The cold water is warm compared to the diseased part. Feet applied to the breast of a bed fellow – Case of a man crossing the Chesapeake in a Ferry boat – his business being very urgent he was obliged to cross it altho' night was near

& it was very cold – He got about half way over when owing to the ice formed after he had left the shore, he could get no further. The ferryman taking it for granted they sh^d both perish, ceased rowing & gave himself up to his fate. But the young man who was possessed of a great share of native resources told him not to despair, but that if he w^d agree to his proposal, both might be saved. He therefore directed him to lie down, to put his feet up in his (the young mans) breast, while he put his feet in the FerryMans breast, & then covered themselves up with a large great coat to confine the heat of their breath – They soon fell asleep, slept 3 or 4 hours & experienced no ill consequences – You may conceive of the degree of cold when I tell you that in the morning the horse was carried over on the ice. Swallowing tobacco juice has saved life f^m cold – I once heard of a young man who was thrown f^m his horse in a very cold day – in his fall he swallowed some of the

tobacco juice he had in his mouth. & while he lay upon the ground in an insensible state was found by a person passing by in a profuse sweat, & was roused to healthy enjoyment natural warmth &c & got perfectly well. —

Famine. —

Symptoms, a diminished excretion by stool, Cold feet, Moral faculty deranged, loss of perception, Delirium, fever, absence of appetite, death — Children & old people suffer more readily from hunger & thirst. Desire of life has great influence in preserving it Life will be longer preserved when water can be come at — it acts by obviating acrimony —

Remedies. Chewing tobacco, calcareous earths, strong smells, oils, Gum Arabic, sugar these have supported life a long time Bathing the body in salt & fresh water, tying tight belt round the Abdomen &c —

Thirst. —

The Remedies for this are tasting water only when it is scarce, taking warm water, chewing tobacco & Bullets &c.

Diseases of the Organs of Generation of both Sexes & first of the Males

Impotence.

This is Congenial fm. Malconformation, & and acquired by intemperance in Venery, Onanism, Hypochondriasis or a belief of impotence. The Remedies for it when acquired by intemperance in venery & Onanism are Absence fm. Ven: intercourse for 2 or 3 years, Tonic diet & drinks, & Cold to the Perineum. —

When fm. Hypochondriasis or a belief of impotence - the remedies are the same as for Hypochondriasis

A Millicidium of the liquor

of the prostrate gland, or the ejection of the seminal fluid when asleep. — The Remedies

are loose diet preventing the pressure of the rectum upon the vesiculo seminalis. Chalybeates & local cold. –

Seminal weakness. –

This is brought on in young men by excess of Onanism. Case of a young man who told me with tears in his eyes that he was obliged to tie his penis when going to bed in order to prevent his committing this crime. I refer you to Dr Tissots book wh ought to be in the hands of every young man. It is brought on in boarding schools where a great number of boys are huddled together – It brings on many diseases. It is to be prevented by making them sleep alone, by keeping them out of bad company &c

Nocturnal Pollutions. –

The remedies for wh are preserving a lax state of the bowels – A vegetable diet – this Dr Stark observes always prevented it in himself, lying on the side altogether, wearing tight draw-

ers so as to prevent an erection of the Penis. Opium, this acts by inducing sleep as to prevent dreaming without wh I believe there is no emission. Horace says he never had this disease when he lay on his side, local cold bath, tinct. Cantharides, Salivation — Matrimony — the genital organs acquire strength by their natural use — Ligatures around the Penis before going to bed — To all these Religious books & good Company shd be added, & lascivious ideas in the day avoided —

Secondly Of the Diseases of Females —

Furor Uterinus. —

This is known by a flushing of the face, turgescence in the Vagina & lascivious looks words & actions &c sometimes it induces Mania. — The Remedies are Of Purging, low diet & removing the patient not only from the Company but entirely from the sight of man — & from every thing wh wd tend to produce las-

lascivious ideas, as obscene paintings, prints, books & conversation must be carefully avoided. If you can make your patient sensible to shame you will do much to effect a cure

Barrenness.

Its causes are general & local. It is caused by general weakness, Fluor Albus, Hystera Dropsical, Cancerous, & Schirrus Ovaria and Uterus, Intemperance in Venery; a distended rectum I believe may likewise produce it; an excessive desire to bear children is the cause why many do not have them. It is remarkable that women bear children under the influence of the most dangerous diseases, as Consumption, Epilepsy, Mania, Diarrhea &c. I have known 2 women to bear children while they had Aneurism in the & another to breed in the Fluor Albus. The Remedies when it arises from general debility are tonics exercise, sea bathing, cheerful company, in-

troducing a pod of pepper in the Vagina.

The Remedies when fm Organic affections, are to remove them as before mentioned — When fm fluor albus, the same as for that disease. When fm an excess of sensibility a severe fit of sickness - When fm obstructions, travelling & a change of climate - Sheep that have ceased to breed in Europe have born lambs by being transplanted to America - But animals have been made to breed by stimulating the Vagina with red pepper &c - & what wd be the effect of such remedies in females? Conjugal connections after a long seperation. —

Chapter VIth

Diseases peculiar to Women, Children, Negroes & Old Age — & first of

Women. They are subject to all the diseases of Men, & besides have some peculiar to themselves fm the laxity of their fibres, & fm Menses, Leucorrhoea, Parturition &c. Here if we paid sufficient attention to the Pulse & prescribed bleeding accordingly, & give tonics now & then according to the state of the system, we sh^d often prevent Epilepsy, Palsy, Schirri Cancer & death. —

As in suppression of the Menses no remedies sh^d be presented without attention to the Pulse, so in cessation we prevent these diseases — the absence of Menses, also the obstruction & retention of them, were they general or local diseases. — If Fever & tense pulse attend V.S. — If great debility, Tonics, as rust of Iron with Oleum Pulegii, Aromatics, as Cloves, Mace & Ginger. —

Leucorrhoea.

This is a thin, whitish, mucus discharge from the Vagina - its colour however varies. It is sometimes so acid as to excoriate & inflame the Pudenda - It is a Coryza of the Vagina. I have seen it in robust virgins when it is a general disease; but it is more common in weak habits where there is generally an obstruction of the Liver. It is sometimes mixed with the menses & in weak virgins supplies its place

The Remedies are General & Local. The Local are injections &c - Of these the one formerly mentioned for Gleet is the best

Sacch Sat ℞ Cor: Sul: gr I Aq: ℥VIII. an useful injection. -

The General Remedies are Bark, Steel, Port wine &c & chronic use of Mercury. It is sometimes a fatal disease & the patient sometimes dies with the symptoms of Pneumonicula. This is a distressing disease, as it prevents child birth, & sometimes proves fatal

from the excess of the discharge. It may be called a Uterine Consumptn. It shd be treated like that disease or a preternatural secretion of mucus from the Trachea. It is distinguished from Gonorrhoa by its ceasing during Pregnancy.

Pregnancy.

That this is a disease I infer from many causes. It is proven by the signs being the same as those in diseases of other parts of the body. Are parts inflamed disposed to bleed? So does the Uterus in a state of pregnancy. Hence the Lochia etc are nothing but a bleeding performed by nature. Does inflammation produce Schirrus, Abscess, & Cancer in other places? So it does here. That the Menses are a secretion I conclude from their not Coagulating. Does inflammation produce a tense pulse? So does Pregnancy. Let us next attend to the membranes. Do membranes form in inflammation of other parts? So they do here. Dr Hun-

ter found the Membrana decidua, to be just like the membrane in the Trachea in Cynanche Trachealis. Does inflammat^n produce sizy blood? So it does here invariably – Does sickness of Stomach, Nausea &c attend all kinds of Morbid action? So it does here – Breeding sickness – This is to prevent Plethora & disease by taking away the appetite. There is too much Morbid excitability transferred to the Uterus if breeding sickness be absent. It generally begins on the 3^d 4th 5th & 6th week after Conception. It is relieved by Emetics of Ipecac: lime juice, Opium, chewing gingerbread, biscuit &c I have known Opium to give instant relief – But above all fresh air & exercise, also lying in bed 2 hepatitis cured by Vj.

<u>Tooth Ache</u> is frequently a Symptom, it is said to dispose to, or produce absorption. But this is not a fact. It sh^d be drawn, or if this be objected to a Blister behind the ear & Laud: sh^d be resorted to.

4" Ischuria remedies mentioned before
5." Involuntary flow of urine
6" Swelled legs
7" Cramp. remedies copious Bp.
8." Dyspepsia -

3 Costiveness - This is rather a sign of Pregnancy & is relieved by Magnesia & Involuntary flow of urine sometimes takes place I have known it in one case always to be the first sign of Pregnancy -

The Remedies are all those formerly recommended for that disease, with the addition of bandages around the abdomen to depress the Uterus & keep it off the Stomach. —

Cough The remedies the same as above

Jaundice The remedies as formerly mentioned. —

Menorrhagia This sometimes occurs in Pregnancy & even regularly every month. If the blood comes from the Vagina no danger need be apprehended unless the Quantity be greater than Natural — The Remedies are the same as formerly mentioned. —

Convulsions. I used to think that these were always necessarily fatal in Pregnancy but I do not think so now - Bleeding

has convinced me of the Contrary – it sh^d be used very copiously – I have drawn 40 or 50 oz Mr Hamilton has drawn 100. During Pregnancy great care sh^d be taken to avoid pressure on the breasts & Nipples as diseases of these are frequently induced in this way. The Nipples before parturition sh^d be frequently pulled out in order to stretch them & prepare them to pour out the fluids when called for. It has been a disputed Question whether V.S. sh^d be used during Pregnancy, but we might as well dispute about the propriety of it in inflammatory fever – During Pregnancy the remedies are V.S. Purges, low diet. V.S. not only lessens the Pain of child bearing, but shortens the process, prevents swelled legs, sore breasts &c Gentle exercise is also proper. In the Mouths in wh Abortion is feared V.S. sh^d be used – after Abortion exercise change of place &c –

<u>Parturition</u> is much more acute that Pregnancy – Before parturition

small & frequent V.S. low diet, exercise &c. During labour, if the pulse be full & tense, or if violent Convulsions supervene, or the parts dilate with great difficulty V.S. is a most invaluable remedy - first used as far as I know by Dr Dewees - Bleeding at the time of Parturition prevents puerperal fever &c. After parturition, rest, silence, & as few visitors as possible. Dr Velpeau of Paris has lately recommended Purging immediately after Parturition

The Diseases after Parturition are Sore Lips, Deficiency of the Lochia here the remedies are the same as for a deficiency of the Menses. Sore Breasts & Nipples - These sometimes occur from Cold & fevers. - The Remedies are the V.S. & gentle stimulating poultices of bread and Milk - Washing them with Brandy, milk & water &c - If these fail, the lie poultice ought be used as follows.

℞ Stale beer ½ pint - Lie a gill, Bread a sufficient quantity to make a Poultice, & a little

Hogs Lard. The Nipples shd be drawn forward previous to Parturition & the Child shd be put to them as soon as possible. –

Swelled Legs are relieved by Vf Purges. Low diet &c – I have known them to terminate in Gangrene – Also Salt & water Peruvian Balsam. Cold water &c. The Belly shd be bound up 6 or 8 Weeks after delivery to prevent flacidity

Milk Fever. This yields to Lenient Purges Diluting Drinks &c

Puerperal Fever

This is a rare disease in this Country & particularly in this City in consequence of the Depletions wh are made use of in this City, in Pregnancy. It comes on at different times sometimes 6 weeks after delivery, generally begins with cold feet, dry skin & then moist – tongue at first white & moist, then dry & brown, cold back, torpor in the extremities – the Pulse is very various, sometimes Typhoid, Typhus, Synocha Synochula

Synochoid, & in short all kinds of Pulses. A sense of uneasiness in the belly & side pain sometimes extends to the short ribs & scapula, also the bladder & rectum. face sorrowful, sighing, tremors, subsultus tendinum, delirium, sometimes so weak as to be unable to turn in bed, cough, nausea, vomiting, Diarrhoea, Costiveness. Green, Yellow, & black stools very fœted & passed involuntary. lochia sometimes suppressed - the milk is small or unusually great in quantity - Miliary spots on the joints &c. All these & many more are noticed by authors. The duration of it is from 24 hours to the 3d 5th 10th 15th & sometimes to the 22d day when it assumes the Typhoid state - the pulse sometimes slow, great difficulty of breathing & sometimes abscesses attend on the legs. Dissection shews inflammat^n or mortification in the Omentum, Uterus, Ovaria, Intestines, Liver & Spleen.

Its causes are but two - 1st Acrid matters in the Uterus &c the intestines aided by hot

& confined air. 2° An inflammatory constitution of the Atmosphere. hence it has been thought to be Epidemic. Gordon of London remarked that every woman who was delivered had this fever, & very absurdly supposed it was contagious. It often terminates like a Malegnant fever & sometimes runs on to Typhus.

The Remedies are V.S. if the pulse be tense or full, or when weak & depressed in the beginning of it, especially if an inflammatory disease be present at the time. I have used it for these 30 years. Gordon says he found small bleedings very injurious but large ones were serviceable. He says the indications for V.S. were more urgent than in Pneumonia. Gentle laxatives ought also be regulated by the Pulse, & they ought be given to prevent costiveness & to create a Diarrhoea. Dr Dulcet of Paris used Emetics. They are most proper when Bilious & Intermitting fevers are present, or when accompanied with Nausea & vomiting

vomiting. It has been disputed whether Opium is proper or not, but it is both proper & improper according to the state of the system & pulse It is generally very proper about the 8th or 9th day when there is an excessive diarrhoea The dispute about the Bark might be settled in the same way as also that of Blisters. Here as well as in all other diseases, the Pulse & state of the system shd regulate their application. Fomentations to the belly, volatile liniment, fresh air & exercise. In dangerous cases, salivation shd be resorted to. The sooner the disease comes on after parturition the more favourable

Prognosis Costiveness Cold sweats & paleness are unfavourable. A constant flux or retention of the lochia is unfavourable. A moist & lax skin & sweats are favourable Vomiting dark coloured matter is unfavourable. Absence of milk bad. Profuse sweats dangerous. When Petechiæ appear, great danger is to be apprehended. The weaker the pulse the greater the danger.

X. When they cannot be relieved by other remedies sometimes blowing into the mouth revives them.

I cannot conclude without observing that Dr. Gordon, Chisolen, Wade & myself took up the same opinions with respect to the treatment of this disease about the same time & without any correspondence with each other

Diseases peculiar to Children.

Children sometimes die immediately after birth by suffocation in the liquor Amnii & from Hernias nat Centum nat is brot on 1st By a retention of Meconium — 2d From cutting the umbilical chord with dull instruments 3d From a hot or smoky room. To prevent it fm the first cause Purges are proper; from the second Appl of turpentine to the umbilicus & from the last an airy room. They sometimes are tongueties, here the ligament under the tongue shd be cut with a pair of round edged Scissors. This shd be deferred until the child is a month old, or any time between that period & the third month —

Imperforated Bowels - For this there is no remedy

Red Gums. - Here there are numerous red spots on the skin. -

Spina Bifida. This I have generally found fatal, but Caustics it is said have credit.

Aptho. - This is a fever from the action of the air & aliment upon the bodies of Children soon after birth. It is more fatal in N. York than in Philadelphia - the sea air I suppose makes the difference. gentle purges, washing the mouth with water & molasses or water alone are proper. -

Milk is sometimes found in the breasts of children, for wh. discutient plaisters are proper, & we sh.d - presumptorily forbid their being squeezed. I have seen tumours formed by this means wh. required extirpation. -

Belly Ache

For this Magnesia, the alkaline salts & Laud. sh.d be given & the animal regimen pur=

sued. It has been proposed to obviate the Belly ache & other diseases of the Alimentary Canal of children by keeping them from the breast, but this is founded on improper observation and wrong inferences. Such children as are bro't up exempted from the mothers Milk, are more subject to acute diseases, & seldom live long

Costiveness. — Here syrup of Rhubarb, Corn Meal, Pap &c shd be given. —

Dentition. Diarrhoea, Gonorrhoea & Convulsions sometimes attend this. — The Remedies are Vf Purges, Cool air, Laud: & cutting the Gums

Cutaneous Eruptions. — Their cure shd be succeeded by Purges — & Sores behind the ears shd not be healed without a substitute for them or purging afterwards.

Warts on the side & tip of the Tongue sometimes occur — The remedy is excision with scissors. Sometimes there is an inability to make water from the prepuce being confined on the

Glans Penis. The Remedy is Circumcision. Sometimes boys have a Paraphymosis fm playing too much with that organ. The Remedies are Cold water, taxis, gentle pressure, lead water, Scarifications &c

Prolapsus Ani. The way to reduce this is to wrap cloth round the finger, push up the gut to its proper place with it & retain it there by astringent applications.

Children are sometimes born with rings on their heads fm being bruised in coming into the world, or fm falls. It has been said to be owing to the bones, but it is an enlargem^t of the Cartilages only & will go off of themselves.

When Pins are the causes of disease they sh^d be extracted. By walking or attempting to walk too soon children often fall & injure or bruise their heads. A fall on the head sh^d always be attended to. There is less danger when blackness a wound &c attend it. The Remedies are Cf Purges & low diet

They shd be permitted to creep before they walk, & by that way acquire the use of their hands - After 2 or 3 years there is less danger fm falls as the bones become much firmer. Injuries to the limbs are seldom dangerous except the Hip joint - They shd be treated with V.f. Purges &c All stimulating applications are hurtful - It is remarkable how seldom they die fm cherry stones, Coffee &c &c wh they frequently thrust up the several cavities or openings of the body. They however shd be extracted. —

Cholera Infantum

I have little to add here to what I have said in my Inquiries. I once heard of this disease ending suddenly in black Vomit -
The Remedies are V.f. &c —

Tabes Infantilis.

The Symptoms of this are paleness, restlessness, vomiting of milk, Leantry, inordinate appetite, partial digestion & night sweats - finally

the Hippocratic countenance. —

Remedies are Bark, Wine, Animal food, cold bath, country air & exercise. —

Erysipelas Infantilis.

This is one of the diseases of children, & is mentioned only by Underwood, whose book on the treatment of children sh^d be in the hands of every Physician. It sometimes passes suddenly from one part of the body to another. It generally affects the Lips, thighs, Legs &c, & is often fatal. — The Remedies are ℞ Purges, & Antiphlogistics, or Tonics according to the state of the system. I have seen a late case of it cured by Tonics only. In all diseases of children at the breast, great attention sh^d be paid to the diet of the nurse or mother who suckles the child. If the disease be of great morbid excitement the mother or nurse sh^d be kept on low diet or abstinence. When there is weak morb: action let the diet be nourishing. —

Worms.

The worms wh infest the human body are the Lumbrici or round worm - the Tenia or Tape worm, & the Ascarides

The round worm exists necessarily in the bowels of children in order to take off the excess of aliment wh children are apt to take in. They are only hurtful when excessive in number or when they get into improper places, they then produce many diseases as Apoplexy Epilepsy Hydrocephalus Internus. Coma, Convulsions, Griping, attempts to swallow in sleep. difficulty of swallowing, dry cough, sudden startings in sleep, Cardialgia, vomiting, frothy expectoration. Colic. Costiveness, Singultus, Subsultus tendinum, slimy stools, night sweats, pain in the belly lying upon it, picking the nose, slow or intermitting pulse, Atrophy, sour breath, inordinate appearance of chyle in the urine, a sudden rising or subsiding in the abdomen, - this is ow.

ing to the liver being distended & oppressed with blood & chyle - and as soon as the Liver has performed its duty & relieved it into the intestines the tumour subsides - A swelling of the Alonari & upper lip - But all these symptoms are liable to lead us astray; I know but of one that can be depended upon, & that is a discharge of them, but even this is not a sign of their being a cause of disease. It is not always to be depended upon, as we see them discharged in small pox Measles &c. A sudden swelling & subsiding of the belly, & chyle in the urine, are symptoms that will strike yr attention. They are more common in girls than in Boys in the Ratio of 3 to 1. In fevers especially S. pox worms are present - The Indians say "that fevers make the worms come & not the worms the fevers"

The Remedies for the Round worm are Chemical & Mechanical — The Mechanical are Purges, powder of Tin, Steel, Cowage, Fern

& common sand

The Chemical are first of the Vegetable kind, as sugar, Molasses, sweet fruits pink root, Jamaica Cabbage, & in short any thing sweet –

2d Of the Saline kind, as common salt, Nitre in the form of Gunpowder, Arsenic Calomel, Tin, & all the preparations of Iron – these two last act chemically as well as mechanically. I generally prescribe the rust of Iron & common salt of each 10 or 20 grs every morning, & if there be no worms, the prescription is not lost for it strengthens the stomach & is excellent in chronic diseases supposed to be from worms. Fasting & taking a pint of cold water in the morning has discharged them & then a purge of Jalap & Calomel has discharged them. In acute diseases supposed to be from worms, Jalap & Calomel are the best remedies. – I have found sugar given to my children, always to prevent worm

worm diseases. Nature seems to have implanted in children an appetite for these things on purpose to prevent worms - these are salt sugar & ripe fruit. It is worthy of notice that children are less subject to worms than formerly. The Cholera Infantum was once thot in this City to be the effect of worms, but however improper this might have been, their effects shd not be overlooked in examining the causes of disease. I have only to add that worms may exist & not be discharged by stool, & that the diseases or effects they produce may exist fm habit after they have been expelled. —

Tenia or Tape Worm. This is seldom the cause of disease & is very rare in this country. I have only seen 4 cases of it & these were all English people - In the 4th a girl of 14, there were no symptoms of disease apparent. They shd be immediately expelled, & for this purpose we shd use the most powerful of the Mechanical remedies. The powder

of the root of fern, powder of tin, & rust of Iron are the best — Case of a man who had discharged 200 feet before I saw him. I ordered the rest of Iron wt discharged some feet shortly after taking it. Dr Physick informed me that he had known a family in wt it was hereditary. —

The Ascarides are seated chiefly in the Rectum, & are to be expelled by Clysters of tobacco juice, Salt & water &c. In all the diseases of children who live upon the breast, the diet of the mother or nurse shd be attended to. If the disease be of great morbid action, the diet of the mother or nurse shd be low, & they shd abstain frm fermented liquors &c — But when of weak morbid action stimulating & fee. Port wine is very proper to prevent the summer diseases of children — Pure air, Cleanliness, exercise & cold bath are said to be very proper to prevent the diseases of children — but this is not the case —

their

Their diseases are more easily known & much more simple & easily cured than those of Adults. 1st Their diseases are fewer in number. 4th The associated actions in children are less diversified hence medicines act more promptly upon them 6th Nature operates with medicines more in children in relieving them than in Adults. 7th The Premonitory Symptoms are more perceptible in children, wt are observed in their unusual sprightliness, langour at times &c &c

1st Because they are not so complicated, their constitutions not being broken down by long continued excess of intemperance. 2° They have less mind about them, & do not feel the dread of death. 3° Lastly they are more unequivocally made known to us by their pulse, cries & countenances. All the symptoms are less disguised in Children than in Adults, hence blisters to the feet of children in diseases of the brain relieve more quickly than in Adults —

Diseases peculiar to Negroes.

Yaws. — This is an African disease (see the 6 vol: Edenburgh Miscellanies) The sores appear in one month after the symptoms are perceived. In weak habits it is attended with Tremors. It is propagated by contact & rarely affects whites. —

The Remedies are 1° Mild vegetable & Animal food — 2° Warm bath, this is said to have been lately used by a Negro Doctor in the Island of Grenada — 3° Mercury is an alterative when the disease has got to its greatest height. 4° Strong Sudorifics — 5° a German Physician in the West Indies says that inoculation for the S: pox will cure it — When these fail plentiful V.S. shd be used, & vol: Tinct: Gum Guiac: when the disease is nearly subdued! —

Sores on the Soles of the Feet. —

These shd be treated as ulcers in other parts of

the body by Escharotics &c. Case of a Boy cured by scrubbing in a stream of running water.

or a gradual falling off is the Hypochondriasis of our Country & is attended with eating of dirt. It is most common when they go into Slavery. It is said to be contagious like the taking of snuff in a family. The diet is a Cordial or Stimulus. — The remedies are the same as for Hypochondriasis — but it is rarely cured. —

An Appetite for human flesh sometimes occurs in the Negroes of the West Indies. It is also a symptom of Hypochondriasis, & is induced by a torpor of the Stomach. —

Jaw fall. Negroes are much less subject to Bilious complaints than the whites this is owing to their not taking so much animal food, & their living in smoky Cabins, thereby drawing away the dampness &c. wh. are common in their masters houses. The Hospital fever was more fatal among them than the whites in the

revolutionary army. All fevers, except the Bilious are harder to cure in Blacks than in whites.

Diseases of Old Age

They come on first with pains & weakness in the knees & ankles, & an inability to walk, pains in the bones & joints especially in the Hip joint making the Rheumatalgia of Cullen, Catarrhus Senilis involuntary flow of tears, increased secretion of mucus in the nose, Costiveness, inability to retain urine, Dysuria fm Gravel, Piles, Colic, deafness imperfect vision & ruptures. It is remarkable that most of the diseases of old people are seated below the heart this is owing to the weakness of the heart not being able to send the blood so forcibly to the upper parts of the body.

The Remedies are 1st Heat. This begins and supports life. It is the best preservative of old age It is obtained by moving to a warm climate The old romans used to prolong their lives many years by retiring to Naples. The Portuguese have lately followed their example by

retiring to the Brazils. The heat of the tropical sun when moving is impracticable, may be supplied by the warm bath. Old people often die in bed often die in bed for the want of warm bed clothing. Dr Chovet of this City who lived to the age of 85 used to sleep in a loose night gown under 8 Blankets & a coverlid in a stove room. Lastly a warm bed fellow to supply the want of natural heat in them. A young damsel helped to supply the natural heat of the Egyptian Monarch. Old people shd avoid cold drinks.

2d Generous diet & drink. the diet shd be stimulating in proportion to the diminution of excitement in the system. The Patriarch Isaac was aware of the necessity of this. hence he says to his son Esau. "Go out to the field & take me some venison &c" They shd be allowed to eat between meals, & generous wine given them. I have known some old people to call for something to eat as soon as they awoke in the morning, with whom a supper was the last thing at night.

3d Young company Old people shd spend as little time together as possible

4th The Cough & Rheumatism shd be relieved by Opium - Sometimes there is a Pneumonia Notha for wh Vs. is proper - Indeed Vs is much more proper for old people than is commonly imagined - it smoothes the descent down the hill of life. When we consider the appetite of old people, the quality of food taken & the sedentary life we cannot deny that acute diseases often occur & that Vs is often necessary. Dr Chovet died of Hepatitis with very blood. I bled an old woman of 84 for Pleurisy —

5th Venereal pleasures as they debilitate the system shd be very sparingly indulged at the age of 60 - Costiveness shd be avoided by a regular attendance at the necessary every morning before breakfast - the stimulus of food afterwards in the Stomach makes a counteraction to that of the Foces in the intestines & destroys the inclination to Stool. Deafness shd

be relieved by the remedies formerly mentioned for the disease, & the loss of sight by the use of spectacles. Respect shd be had to clean & fine clothes in old people to make up for the loss of personal form & beauty. Few people die of old age. Some one of the diseases already mentioned clips the last fine spun thread of life. Death from old age is brot on by a want of excitability in the moving fibres. —

Euthanasia

Means of lessening the pains of Death, in diseases which have resisted the powers of Medicine.

Since we cannot prevent death in this, it becomes us as Physicians to make it as easy as we can. Physicians acquire more reputation & more grateful returns are made to those who ease the transit out of life than in curing the most violent diseases. Pain is often the concomitant attendant of death & we must endeavour as far as we can to moderate its force or remove it altogether. Before entering on the means by wh this is to be done it is proper to

settle a question started by Lord Bacon viz —
"In diseases wh seemed certainly to be mortal whether it was lawful & proper for a Physician to give such medicines as would soon kill in order to remove the sufferer fm his pain? But to this I answer by no means. The Idea is not only contradictory, but it is the offspring of unsound Philosophy — I object to it for the follow^g reasons.

1st We do not know what diseases are utterly incurable. There was a time when Hydrocephalus Internus, the Venereal disease, & even the Intermittent fever were thot to be as incurable as Cancer & Epilepsy, yet now the cure is thot to be equally as easy as that of many other diseases wh were then under the powers of Medicine.

2d Disease does not extinguish the desire of life. Patients are willing to bear a great deal of pain & submit to any operation when death & they are the only 2 alternatives. We do not hear them cry for death to end their sufferings under the most violent paroxysms of pain fm the Gout & Gravel —

3° We are ignorant of the line wh. seperates life & death. For these reasons Gent. never give medicines for pain wh. in removing it, removes the patient also. — Nor never despair of life as long as any is remaining. —

But there are cases of death where no pain attends — 1st In diseases of the Head when the Brain is prostrated, as in Apoplexy Epilepsy &c. The pains wh. generally attend Parturition were once suspended by a fit of Epilepsy. The fever wh. opium produces with other narcotics, kills without inducing any degree of pain — 2d In diseases where the mind is impaired, as in Ty Fever &c. 3d When all excitement & excitability is suspended. 4th From cold, & Lastly in death proceeding from old age where sensibility & excitability are exhausted. The <u>Causes of pain</u> in dying hours are of 2 kinds viz too high, or too low morb: excitement When it is too high the Remedies are 1st V.S. 2° Abstinence this acts like V.S in lessening

sensibility - Case of a person fasting 2 or 3 days to listen the pain of his execution. Here there is no excitability left for Stimulus to act on, or the new sensations overcome the painful impressions - 3° These are most proper in diseases & pain reheating to the Stomach, Brain and Lungs. In a weak or deficient mort. excitem^t the remedies are 1st Cordials & Tonics of all kinds 2° The appetite for Food w^h occurs sometimes just before death sh^d be indulged - The pleasure w^h the food imparts to the organs of taste, here a weak & pleasurable sensation overcomes the most powerful disagreeable one viz the disease & the action of the stomach upon the Food w^h is taken serves to direct excitem^t fm other parts & take it to itself for the purpose of digestion - But above all in this state of excitability 3° Opium - It promotes sleep & in the coma or delirium w^h so often attends, brings back departing reason at a time when the use of it for an hour may be of incalculable advantage to the Patient. 4° The warm bath especially in

the last stage of Chronic diseases – 5th Sweet oil rubbed upon the body. 6th Lying on the back. I think Jonce saw death brought on suddenly in a child by turning from her back to her side in bed when she had strength & pulse enough in that situation to have lasted her many hours 7th Drinks shd be given in a lying posture. When the feet or other parts are cold in which way death first appears, wrap them up in flannel, apply warm bricks, bladders or bottles filled with hot water &c – Dying people shd not be deserted – People die bravely it has been said who die in company; but if they wish to be alone they shd be indulged – Case of a woman telling her daughter that she could not die while she was in the room. Muricks & Newspapers when Religion will not be attended to shd be tried to ease the mind – Hope in all cases shd be held up to view. The Opinion of the Physician if he thinks the patient incurable shd be delivered only (if at all) to the friends of

the patients, & they, if they think proper, may communicate it to him. Nothing sh^d be said by anyone in his presence about burying him until sometime after the signs of life had ceased, the reason of this is that life lingers long on the ears after apparent death in the body. The Comfortable hopes of Christianity sh^d be brot into view & the visits of Clergymen recommended. I have seen them frequently the means of removing mental anguish & bodily pain (See Goldsmith's Deserted Village) The influence of the doctrines & comforts of Christianity may be conceived of from the declarations the Martyrs have made — "that they feld no pain while their bodies were burning up in the flames"

The Materia Medica sh^d be taken not only from the Vegetable, Animal & Mineral kingdoms of the earth, but even from the kingdom of heaven itself —

It may be said in favour of all the above remedies that they are equally proper in the treatment

& cure of diseases, as in lessening the pains & horror of a dying hour. The time I believe will come when instead of the practice formerly attended to of neglecting people who are thot incurable, that we shall have Hospitals erected for their reception. Some Physicians you will find who will do nothing for Patients in these situations under a pretence of not tormenting them with medicines — but this practice is foolish & inhuman, for while there is life there are hopes. —

Finis

General Index Vol 3d

Pudey Vol. 3d

Chap. III.d

Index Vol 3d

Index Vol 3d

Chap VI th

Index Vol 3d — Page

Finis

polygonum vulg.
ocrea hirsuta. hispida. pericarpium costatum